



HYDROSPEED HD Bite Registration - Base

Safety Data Sheet

According to Regulation (EC) No. 1907/2006 (amended by Regulation (EU) No. 2015/830)

Version: 1

Version date: 10/04/2017

Language: EN

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Trade name / designation : HYDROSPEED HD Bite Registration - Base.
Article No (user) : HYD-REG.

1.2. Relevant identified uses of the substance or mixture and uses advised against

Relevant identified uses : Dental products.

1.3. Details of the supplier of the safety data sheet

Supplier : ITENA CLINICAL
Street: 83, Avenue Foch
Postal code / City: 75116 Paris
Country: France
Telephone: [+33 1 45 91 30 06](tel:+33145913006)
Telefax: [+ 33 1 45 91 61 31](tel:+33145916131)
E-mail: contact@itena-clinical.com

1.4 Emergency Telephone Number

Not available

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification according to Regulation (EC) No. 1272/2008 [CLP]

This mixture is not classified as dangerous.

2.2. Label elements

H372 does not apply to the extent that there is no risk of inhalation.

Labelling according to Regulation (EC) No. 1272/2008 [CLP]

Hazard pictograms	-
Signal word	-
Product identifiers	-
Hazard Statements	-
Supplemental Hazard information (EU)	-
Precautionary Statements - General	-
Precautionary Statements - Prevention	P233 - Keep container tightly closed. P270 - Do not eat, drink or smoke when using this product. P273 - Avoid release to the environment.
Precautionary Statements - Response	-
Precautionary Statements - Storage	-
Precautionary Statements - Disposal	-

2.3. Other hazards

Chemical compounds containing silicon-hydrogen (SiH) bonds.

SECTION 3: Composition/information on ingredients

3.1. Substances

Substance	C (%)	Classification	Specific concentration limits	Note
crystalite CAS N°:14464-46-1 EC N°:238-455-4 IDX N°:	0.0% ≤C< 70.0%	-	-	-

3.2. Mixtures

Not available

3.3. Remark

Text phrases and H- EUH-: see section 16.

SECTION 4: First aid measures

4.1. Description of first aid measures

General information	:	When in doubt or if symptoms are observed, get medical advice.
Following inhalation	:	No special measures are necessary.
Following skin contact	:	Wash with soap and water.
Following eye contact	:	In case of contact with eyes flush immediately with plenty of flowing water for 10 to 15 minutes holding eyelids apart and consult an ophthalmologist.
Following ingestion	:	Do NOT induce vomiting. Rinse mouth thoroughly with water.
Self-protection of the first aider	:	No special measures are necessary.

4.2. Most important symptoms and effects, both acute and delayed

Symptoms	:	None known.
Effects	:	None known.

4.3. Indication of any immediate medical attention and special treatment needed

Notes for the doctor	:	Treat symptomatically.
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SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media	:	Foam. Extinguishing powder. Carbon dioxide (CO2).
Unsuitable extinguishing media	:	Strong water jet.

5.2. Special hazards arising from the substance or mixture

For further information, see paragraph 10: "Stability and Reactivity".

5.3. Advice for firefighters

Wear a self-contained breathing apparatus and chemical protective clothing.

5.4. Additional information

Do not inhale vapors and fumes. Co-ordinate fire-fighting measures to the fire surroundings. Move undamaged containers from immediate hazard area if it can be done safely. Use caution when applying carbon dioxide in confined spaces. carbon dioxide can displace oxygen. Use water spray jet to protect personnel and to cool endangered containers. Collect contaminated fire extinguishing water separately. Do not allow entering drains or surface water.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Use personal protection equipment.

6.2. Environmental precautions

Ensure that waste is collected and contained.

6.3. Methods and material for containment and cleaning up

Treat the recovered material as prescribed in the section on waste disposal. Collect in closed and suitable containers for disposal.

6.4. Reference to other sections

Safe handling: see section 7. Disposal: see section 13. Personal protection equipment: see section 8.

6.5. Additional information

Not available

SECTION 7: Handling and Storage

7.1. Precautions for safe handling

Protective measures

For more information, refer to §10: "Stability and Reactivity". Use mechanical ventilation if handling creates vapors.

Advices on general occupational hygiene

Wash hands before breaks and after work. Remove contaminated, saturated clothing. Work in well ventilated zones or use proper respiratory protection.

7.2. Conditions for safe storage, including any incompatibilities

Ensure adequate ventilation of the storage area.

Advice on joint storage

Keep away from food, drink and animal feedingstuffs. Keep away from incompatible substances.

7.3. Specific end uses

Not available

SECTION 8: Exposure controls / personal protection

8.1. Control parameters

Quartz: When encapsulated in a polymer, is not expected to present a health hazard under normal conditions of use.

8.2. Exposure controls

Appropriate engineering controls

Provide adequate ventilation as well as local exhaust at critical locations.

Personal protection equipment



- | | | |
|---------------------------------|---|--|
| Eye/face protection | : | Goggles.
Suitable eye protection: Goggles. |
| Skin protection | : | Hand protection: Suitable gloves type: Disposable gloves.
Hand protection: Suitable material: NBR (nitrile rubber). PVC (polyvinyl chloride).
Hand protection: Unsuitable material: NR (natural rubber, natural latex).
Hand protection: No special measures are necessary.
Body protection: No special measures are required. |
| Respiratory protection | : | No special measures are required. |
| Environmental exposure controls | | No special measures are necessary. |

8.3. Additional information

Not available

SECTION 9: Physical and chemical Properties

9.1. Information on basic physical and chemical properties

- | | |
|---|----------------------------------|
| Physical state: | Solid - Paste |
| Colour: | According to product designation |
| Odour: | Odorless |
| Odour threshold: | Not available |
| PH: | Not applicable |
| Melting point/freezing point: | |
| Initial boiling point and boiling range: | no available information |
| Flash point: | > 200 °C |

Evaporation rate:	
Flammability:	no available information
Upper/lower flammability or explosive limits:	Not available
Vapour pressure:	< 0.1
Vapour density:	
Relative density:	1.6 (20°C)
Solubility(ies):	Practically insoluble
Partition coefficient: n-octanol/water (Log KOC):	
Auto-ignition temperature:	> 400 °C
Decomposition temperature:	> 200 °C
Viscosity:	no available information
Explosive properties:	
Oxidising properties:	

9.2. Other safety information

Not available

SECTION 10: Stability and Reactivity

10.1. Reactivity

No data available.

10.2. Chemical stability

The product is stable with storage at normal ambient temperatures.

10.3. Possibility of hazardous reactions

No hazardous reaction when handled and stored as recommended provisions. This product may generate gaseous hydrogen.

10.4. Conditions to avoid

No data available.

10.5. Incompatible materials

Releases a highly flammable gas (hydrogen) which creates the dangers of fire or explosion, in contact with: Strong oxidizing agents. Alkalis and caustic products. Chemical compounds with mobile hydrogens, in the presence of salts or metal complexes.

10.6. Hazardous decomposition products

Thermal decomposition or combustion may release oxides of carbon and other toxic gases or vapors. Amorphous silica. Amount of potentially releasable hydrogen (1 / kg of product): <2.

10.7. Additional information

Not available

SECTION 11: Toxicological information

11.1. Acute oral toxicity

Data for mixture

Conclusion : The substance is considered to be practically non toxic by oral route.

Substances

Not available

11.2. Acute skin toxicity

Data for mixture

Conclusion : The substance is considered to be non-toxic by the dermal route.

Substances

Not available

11.3. Acute inhalation toxicity

Data for mixture

Conclusion : The substance is considered to be practically non toxic by the inhalation route.

Substances

Not available

11.4. Skin corrosion

Data for mixture

Conclusion : The substance is considered to be skin irritant.

Substances

Not available

11.5. Eye damage

Data for mixture

Conclusion : The substance is considered to be an irritant.

Substances

Not available

11.6. Skin sensitisation

Data for mixture

Conclusion : No skin sensitizing potential is expected.

Substances

Not available

11.7. STOT RE

Data for mixture

Not available

Substances

Not available

11.8. STOT SE

Data for mixture

Not available

Substances

Not available

11.9. Carcinogenicity

Data for mixture

Not available

Substances

Not available

11.10. Reproductive and Developmental Toxicity

Data for mixture

Not available

Substances

Not available

11.11. genotoxicity

Data for mixture

Not available

Substances

Not available

Additional information

No information available.

Substances

Not available

Data for mixture

No information available.

SECTION 12: Ecological information

12.1. Toxicity

Based on available data, the classification criteria are not met.

12.2. Persistence and degradability

The product has not been tested.

12.3. Bioaccumulative potential

The product has not been tested.

12.4. Mobility in soil

The product has not been tested.

12.5. Results of PBT and vPvB assessment

No data available.

12.6. Other adverse effects

No data available.

12.7. Additional ecotoxicological information

Not available

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Product/Packaging disposal

Waste codes / waste designations according to EWC / AVV: The allocation of waste identity numbers/waste descriptions must be carried out according to the EEC, specific to the industry and process.

Properties of waste which render it hazardous: Not applicable.

Waste treatment options: Appropriate disposal / Product: Dispose of waste according to applicable legislation.

Waste treatment options: Appropriate disposal / Package: Non-contaminated packages must be recycled or disposed of. Packing which cannot be properly cleaned must be disposed of. Dispose of waste according to applicable legislation.

13.2. Additional information

Not available

SECTION 14: Transport information

14.1. UN number

The product is not hazardous according to the applicable transport regulations (ADR / RID / ADN / IMDG / ICAO / ITA).

14.2. UN proper shipping name

Not available

14.3. Transport hazard class(es)

Not available

14.4. Packing group

Not available

14.5. Environmental hazards

Not available

14.6. Special precautions for user

Not available

14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not available

14.8. Additional information

Not available

SECTION 15: Regulatory information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

Not available

15.2. Chemical Safety Assessment

No data available.

15.3. Additional information

Not available

SECTION 16: Other information

Creation date: 10/04/2017
Version date: 10/04/2017
Printing date: 22/05/2017

16.1. Indication of changes

Not applicable (first edition of the MSDS).

16.2. Abbreviations and acronyms

ADN / ADNOR: Regulations concerning the transport of dangerous substances in barges on the waterways. ADR / RID: European Agreement concerning the International Carriage of Dangerous Goods by Road / Regulations concerning the international carriage of dangerous goods by rail. CAS: Chemical Abstract Service Number. CLP: Classification, labeling and packaging. IATA: International Air Transport Association. IMDG: International Maritime Dangerous Goods Code. DPD Dangerous Preparation Directive. UN number: United Nations number. No EC: European Commission Number. VPvB: very persistent and very bioaccumulative substances.

16.3. Key literature references and sources for data

No data available.

16.4. Classification for mixtures and used evaluation method according to regulation (EC) 1272/2008 [CLP]

Classification of the mixture is in accordance with the evaluation method described in Regulation (EC) No 1272/2008.

16.5. Relevant R-, H- and EUH-phrases (Number and full text)

Not available

16.6. Training advice

Refer to Sections 4, 5, 6, 7 and 8 of this safety data sheet.

16.7. Additional information

Not available

The information given in this Safety Data Sheet is based on our present knowledge and on European and national regulations. This Safety Data Sheet describes safety requirements relative to identified uses, it doesn't guarantee all the product properties particularly in the case of non identified uses. The product mustn't be used for any uses other than those identified under heading 1. Since the user's working conditions are not known by us, it is the responsibility of the user to take all necessary measures to comply with legal requirements for specific uses and avoid negative health effects.



HYDROSPEED HD Bite Registration - Catalyseur

Safety Data Sheet

According to Regulation (EC) No. 1907/2006 (amended by Regulation (EU) No. 2015/830)

Version: 1

Version date: 10/04/2017

Language: EN

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Trade name / designation : HYDROSPEED HD Bite Registration - Catalyseur.
Article No (user) : HYD-REG.

1.2. Relevant identified uses of the substance or mixture and uses advised against

Not available

1.3. Details of the supplier of the safety data sheet

Supplier : ITENA CLINICAL
Street: 83, Avenue Foch
Postal code / City: 75116 Paris
Country: France
Telephone: [+33 1 45 91 30 06](tel:+33145913006)
Telefax: [+ 33 1 45 91 61 31](tel:+33145916131)
E-mail: contact@itena-clinical.com

1.4 Emergency Telephone Number

Not available

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification according to Regulation (EC) No. 1272/2008 [CLP]

This mixture is not classified as dangerous.

2.2. Label elements

H372 does not apply to the extent that there is no risk of inhalation.

Labelling according to Regulation (EC) No. 1272/2008 [CLP]

Hazard pictograms	-
Signal word	-
Product identifiers	-
Hazard Statements	-
Supplemental Hazard information (EU)	-
Precautionary Statements - General	-
Precautionary Statements - Prevention	P233 - Keep container tightly closed. P270 - Do not eat, drink or smoke when using this product. P273 - Avoid release to the environment.
Precautionary Statements - Response	-
Precautionary Statements - Storage	-
Precautionary Statements - Disposal	-

2.3. Other hazards

Chemical compounds containing silicon-hydrogen (SiH) bonds.

SECTION 3: Composition/information on ingredients

3.1. Substances

Substance	C (%)	Classification	Specific concentration limits	Note
crystalite CAS N°:14464-46-1 EC N°:238-455-4 IDX N°:	0.0% ≤C< 70.0%	-	-	-

3.2. Mixtures

Not available

3.3. Remark

Text phrases and H- EUH-: see section 16.

SECTION 4: First aid measures

4.1. Description of first aid measures

General information	:	When in doubt or if symptoms are observed, get medical advice.
Following inhalation	:	No special measures are necessary.
Following skin contact	:	Wash with soap and water.
Following eye contact	:	In case of contact with eyes flush immediately with plenty of flowing water for 10 to 15 minutes holding eyelids apart and consult an ophthalmologist.
Following ingestion	:	Do NOT induce vomiting. Rinse mouth thoroughly with water.
Self-protection of the first aider	:	No special measures are necessary.

4.2. Most important symptoms and effects, both acute and delayed

Symptoms	:	None known.
Effects	:	None known.

4.3. Indication of any immediate medical attention and special treatment needed

Notes for the doctor	:	Treat symptomatically.
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SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media	:	Foam. Extinguishing powder. Carbon dioxide (CO2).
Unsuitable extinguishing media	:	Strong water jet.

5.2. Special hazards arising from the substance or mixture

For further information, see paragraph 10: "Stability and Reactivity".

5.3. Advice for firefighters

Wear a self-contained breathing apparatus and chemical protective clothing.

5.4. Additional information

Do not inhale vapors and fumes. Co-ordinate fire-fighting measures to the fire surroundings. Move undamaged containers from immediate hazard area if it can be done safely. Use caution when applying carbon dioxide in confined spaces. carbon dioxide can displace oxygen. Use water spray jet to protect personnel and to cool endangered containers. Collect contaminated fire extinguishing water separately. Do not allow entering drains or surface water.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Use personal protection equipment.

6.2. Environmental precautions

Ensure that waste is collected and contained.

6.3. Methods and material for containment and cleaning up

Treat the recovered material as prescribed in the section on waste disposal. Collect in closed and suitable containers for disposal.

6.4. Reference to other sections

Safe handling: see section 7. Disposal: see section 13. Personal protection equipment: see section 8.

6.5. Additional information

Not available

SECTION 7: Handling and Storage

7.1. Precautions for safe handling

Protective measures

For more information, refer to §10: "Stability and Reactivity". Use mechanical ventilation if handling creates vapors.

Advices on general occupational hygiene

Wash hands before breaks and after work. Remove contaminated, saturated clothing. Work in well ventilated zones or use proper respiratory protection.

7.2. Conditions for safe storage, including any incompatibilities

Ensure adequate ventilation of the storage area.

Advice on joint storage

Keep away from food, drink and animal feedingstuffs. Keep away from incompatible substances.

7.3. Specific end uses

Not available

SECTION 8: Exposure controls / personal protection

8.1. Control parameters

Quartz: When encapsulated in a polymer, is not expected to present a health hazard under normal conditions of use.

8.2. Exposure controls

Appropriate engineering controls

Provide adequate ventilation as well as local exhaust at critical locations.

Personal protection equipment



- | | | |
|------------------------|---|---|
| Eye/face protection | : | Goggles.
Suitable eye protection: Goggles. |
| Skin protection | : | Hand protection: Suitable gloves type: Disposable gloves.
Hand protection: Suitable material: NBR (nitrile rubber). PVC (polyvinyl chloride).
Hand protection: Unsuitable material: NR (natural rubber, natural latex).
Hand protection: No special measures are necessary.
Body protection: No special measures are necessary. |
| Respiratory protection | : | No special measures are required. |

Environmental exposure controls

No special measures are necessary.

8.3. Additional information

Not available

SECTION 9: Physical and chemical Properties

9.1. Information on basic physical and chemical properties

Physical state:	Solid - Paste
Colour:	White
Odour:	Odorless
Odour threshold:	Not available
PH:	Not applicable
Melting point/freezing point:	no available information
Initial boiling point and boiling range:	no available information
Flash point:	> 200 °C

Evaporation rate:	no available information
Flammability:	no available information
Upper/lower flammability or explosive limits:	Not available
Vapour pressure:	< 0.1 hPa (20 °C)
Vapour density:	no available information
Relative density:	1.6 (20°C)
Solubility(ies):	Practically insoluble
Partition coefficient: n-octanol/water (Log KOC):	
Auto-ignition temperature:	> 400 °C
Decomposition temperature:	> 200 °C
Viscosity:	no available information
Explosive properties:	no available information
Oxidising properties:	no available information

9.2. Other safety information

Not available

SECTION 10: Stability and Reactivity

10.1. Reactivity

No data available.

10.2. Chemical stability

The product is stable with storage at normal ambient temperatures.

10.3. Possibility of hazardous reactions

No hazardous reaction when handled and stored as recommended provisions. This product may generate gaseous hydrogen.

10.4. Conditions to avoid

No data available.

10.5. Incompatible materials

Releases a highly flammable gas (hydrogen) which creates the dangers of fire or explosion, in contact with: Strong oxidizing agents. Alkalis and caustic products. Chemical compounds with mobile hydrogens, in the presence of salts or metal complexes.

10.6. Hazardous decomposition products

Thermal decomposition or combustion may release oxides of carbon and other toxic gases or vapors. Amorphous silica. Amount of potentially releasable hydrogen (1 / kg of product): <2.

10.7. Additional information

Not available

SECTION 11: Toxicological information

11.1. Acute oral toxicity

Data for mixture

Conclusion : The substance is considered to be practically non toxic by oral route.

Substances

Not available

11.2. Acute skin toxicity

Data for mixture

Conclusion : The substance is considered to be non-toxic by the dermal route.

Substances

Not available

11.3. Acute inhalation toxicity

Data for mixture

Conclusion : The substance is considered to be practically non toxic by the inhalation route.

Substances

Not available

11.4. Skin corrosion

Data for mixture

Conclusion : The substance is considered to be skin irritant.

Substances

Not available

11.5. Eye damage

Data for mixture

Conclusion : The substance is considered to be an irritant.

Substances

Not available

11.6. Skin sensitisation

Data for mixture

Conclusion : No skin sensitizing potential is expected.

Substances

Not available

11.7. STOT RE

Data for mixture

Not available

Substances

Not available

11.8. STOT SE

Data for mixture

Not available

Substances

Not available

11.9. Carcinogenicity

Data for mixture

Not available

Substances

Not available

11.10. Reproductive and Developmental Toxicity

Data for mixture

Not available

Substances

Not available

11.11. genotoxicity

Data for mixture

Not available

Substances

Not available

Additional information

No information available.

Substances

Not available

Data for mixture

No information available.

SECTION 12: Ecological information

12.1. Toxicity

Based on available data, the classification criteria are not met.

12.2. Persistence and degradability

The product has not been tested.

12.3. Bioaccumulative potential

The product has not been tested.

12.4. Mobility in soil

The product has not been tested.

12.5. Results of PBT and vPvB assessment

No data available.

12.6. Other adverse effects

No data available.

12.7. Additional ecotoxicological information

Not available

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Product/Packaging disposal

Waste codes / waste designations according to EWC / AVV: The allocation of waste identity numbers/waste descriptions must be carried out according to the EEC, specific to the industry and process.

Properties of waste which render it hazardous: Not applicable.

Waste treatment options: Appropriate disposal / Product: Dispose of waste according to applicable legislation.

Waste treatment options: Appropriate disposal / Package: Non-contaminated packages must be recycled or disposed of. Packing which cannot be properly cleaned must be disposed of. Dispose of waste according to applicable legislation.

13.2. Additional information

Not available

SECTION 14: Transport information

14.1. UN number

The product is not hazardous according to the applicable transport regulations (ADR / RID / ADN / IMDG / ICAO / ITA).

14.2. UN proper shipping name

Not available

14.3. Transport hazard class(es)

Not available

14.4. Packing group

Not available

14.5. Environmental hazards

Not available

14.6. Special precautions for user

Not available

14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not available

14.8. Additional information

Not available

SECTION 15: Regulatory information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

Not available

15.2. Chemical Safety Assessment

No data available.

15.3. Additional information

Not available

SECTION 16: Other information

Creation date: 10/04/2017

Version date: 10/04/2017

Printing date: 22/05/2017

16.1. Indication of changes

Not applicable (first edition of the MSDS).

16.2. Abbreviations and acronyms

ADN / ADN: Regulations concerning the transport of dangerous substances in barges on the waterways. ADR / RID: European Agreement concerning the International Carriage of Dangerous Goods by Road / Regulations concerning the international carriage of dangerous goods by rail. CAS: Chemical Abstract Service Number. CLP: Classification, labeling and packaging. IATA: International Air Transport Association. IMDG: International Maritime Dangerous Goods Code. DPD Dangerous Preparation Directive. UN number: United Nations number. No EC: European Commission Number. VPvB: very persistent and very bioaccumulative substances.

16.3. Key literature references and sources for data

No data available.

16.4. Classification for mixtures and used evaluation method according to regulation (EC) 1272/2008 [CLP]

Classification of the mixture is in accordance with the evaluation method described in Regulation (EC) No 1272/2008.

16.5. Relevant R-, H- and EUH-phrases (Number and full text)

Not available

16.6. Training advice

Refer to Sections 4, 5, 6, 7 and 8 of this safety data sheet.

16.7. Additional information

Not available

The information given in this Safety Data Sheet is based on our present knowledge and on European and national regulations. This Safety Data Sheet describes safety requirements relative to identified uses, it doesn't guarantee all the product properties particularly in the case of non identified uses. The product mustn't be used for any uses other than those identified under heading 1. Since the user's working conditions are not known by us, it is the responsibility of the user to take all necessary measures to comply with legal requirements for specific uses and avoid negative health effects.



HYDROSPEED HD Light / Extra-Light / Regular - Base

Safety Data Sheet

According to Regulation (EC) No. 1907/2006 (amended by Regulation (EU) No. 2015/830)

Version: 1

Version date: 10/04/2017

Language: EN

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Trade name / designation : HYDROSPEED HD Light / Extra-Light / Regular - Base.
Article No (user) : HYD-BL / HYD-BLQ / HYD-BXL / HYD-BXLQ / HYD-BR / HYD-BQR.

1.2. Relevant identified uses of the substance or mixture and uses advised against

Not available

1.3. Details of the supplier of the safety data sheet

Supplier : ITENA CLINICAL
Street: 83, Avenue Foch
Postal code / City: 75116 Paris
Country: France
Telephone: [+33 1 45 91 30 06](tel:+33145913006)
Telefax: [+ 33 1 45 91 61 31](tel:+33145916131)
E-mail: contact@itena-clinical.com

1.4 Emergency Telephone Number

Not available

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification according to Regulation (EC) No. 1272/2008 [CLP]

This mixture is not classified as dangerous.

2.2. Label elements

H372 does not apply to the extent that there is no risk of inhalation.

Labelling according to Regulation (EC) No. 1272/2008 [CLP]

Hazard pictograms	-
Signal word	-
Product identifiers	-
Hazard Statements	-
Supplemental Hazard information (EU)	-
Precautionary Statements - General	-
Precautionary Statements - Prevention	P233 - Keep container tightly closed. P270 - Do not eat, drink or smoke when using this product. P273 - Avoid release to the environment.
Precautionary Statements - Response	-
Precautionary Statements - Storage	-
Precautionary Statements - Disposal	-

2.3. Other hazards

Chemical compounds containing silicon-hydrogen (SiH) bonds.

SECTION 3: Composition/information on ingredients

3.1. Substances

Substance	C (%)	Classification	Specific concentration limits	Note
Quartz (SiO ₂) CAS N°:14808-60-7 EC N°:238-878-4 IDX N°:	0.0% ≤C< 40.0%	STOT RE 1: H372	-	-

3.2. Mixtures

Not available

3.3. Remark

Text phrases and H- EUH-: see section 16.

SECTION 4: First aid measures

4.1. Description of first aid measures

General information	:	When in doubt or if symptoms are observed, get medical advice.
Following inhalation	:	No special measures are necessary.
Following skin contact	:	Wash with soap and water.
Following eye contact	:	In case of contact with eyes flush immediately with plenty of flowing water for 10 to 15 minutes holding eyelids apart and consult an ophthalmologist.
Following ingestion	:	Do NOT induce vomiting. Rinse mouth thoroughly with water.
Self-protection of the first aider	:	No special measures are necessary.

4.2. Most important symptoms and effects, both acute and delayed

Symptoms	:	None known.
Effects	:	None known.

4.3. Indication of any immediate medical attention and special treatment needed

Notes for the doctor	:	Treat symptomatically.
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SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media	:	Foam. Extinguishing powder. Carbon dioxide (CO ₂).
Unsuitable extinguishing media	:	Strong water jet.

5.2. Special hazards arising from the substance or mixture

For further information, see paragraph 10: "Stability and Reactivity".

5.3. Advice for firefighters

Wear a self-contained breathing apparatus and chemical protective clothing.

5.4. Additional information

Do not inhale vapors and fumes. Co-ordinate fire-fighting measures to the fire surroundings. Move undamaged containers from immediate hazard area if it can be done safely. Use caution when applying carbon dioxide in confined spaces. carbon dioxide can displace oxygen. Use water spray jet to protect personnel and to cool endangered containers. Collect contaminated fire extinguishing water separately. Do not allow entering drains or surface water.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Use personal protection equipment.

6.2. Environmental precautions

Ensure that waste is collected and contained.

6.3. Methods and material for containment and cleaning up

Treat the recovered material as prescribed in the section on waste disposal. Collect in closed and suitable containers for disposal.

6.4. Reference to other sections

Safe handling: see section 7. Disposal: see section 13. Personal protection equipment: see section 8.

6.5. Additional information

Not available

SECTION 7: Handling and Storage

7.1. Precautions for safe handling

Protective measures

For more information, refer to §10: "Stability and Reactivity". Use mechanical ventilation if handling creates vapors.

Advices on general occupational hygiene

Wash hands before breaks and after work. Remove contaminated, saturated clothing. Work in well ventilated zones or use proper respiratory protection.

7.2. Conditions for safe storage, including any incompatibilities

Ensure adequate ventilation of the storage area.

Advice on joint storage

Keep away from food, drink and animal feedingstuffs. Keep away from incompatible substances.

7.3. Specific end uses

Not available

SECTION 8: Exposure controls / personal protection

8.1. Control parameters

Quartz: When encapsulated in a polymer, is not expected to present a health hazard under normal conditions of use.

8.2. Exposure controls

Appropriate engineering controls

Provide adequate ventilation as well as local exhaust at critical locations.

Personal protection equipment



Eye/face protection	:	Goggles. Suitable eye protection: Goggles.
Skin protection	:	Hand protection: Suitable gloves type: Disposable gloves. Hand protection: Suitable material: NBR (nitrile rubber). PVC (polyvinyl chloride). Hand protection: Unsuitable material: NR (natural rubber, natural latex). Hand protection: No special measures are necessary. Body protection: No special measures are necessary.
Respiratory protection	:	No special measures are required.
Environmental exposure controls		No special measures are necessary.

8.3. Additional information

Not available

SECTION 9: Physical and chemical Properties

9.1. Information on basic physical and chemical properties

Physical state:	Solid - Paste
Colour:	According to product designation
Odour:	Odorless
Odour threshold:	Not available
PH:	Not applicable
Melting point/freezing point:	no available information
Initial boiling point and boiling range:	no available information
Flash point:	> 200 °C

Evaporation rate:	no available information
Flammability:	no available information
Upper/lower flammability or explosive limits:	Not available
Vapour pressure:	< 0.1 hPa (20 °C)
Vapour density:	no available information
Relative density:	1.3 (20°C)
Solubility(ies):	Practically insoluble
Partition coefficient: n-octanol/water (Log KOC):	
Auto-ignition temperature:	> 400 °C
Decomposition temperature:	> 200 °C
Viscosity:	no available information
Explosive properties:	no available information
Oxidising properties:	no available information

9.2. Other safety information

Not available

SECTION 10: Stability and Reactivity

10.1. Reactivity

No data available.

10.2. Chemical stability

The product is stable with storage at normal ambient temperatures.

10.3. Possibility of hazardous reactions

No hazardous reaction when handled and stored as recommended provisions. This product may generate gaseous hydrogen.

10.4. Conditions to avoid

No data available.

10.5. Incompatible materials

Releases a highly flammable gas (hydrogen) which creates the dangers of fire or explosion, in contact with: Strong oxidizing agents. Alkalis and caustic products. Chemical compounds with mobile hydrogens, in the presence of salts or metal complexes.

10.6. Hazardous decomposition products

Thermal decomposition or combustion may release oxides of carbon and other toxic gases or vapors. Amorphous silica. Amount of potentially releasable hydrogen (1 / kg of product): <2.

10.7. Additional information

Not available

SECTION 11: Toxicological information

11.1. Acute oral toxicity

Data for mixture

Conclusion : The substance is considered to be practically non toxic by oral route.

Substances

Not available

11.2. Acute skin toxicity

Data for mixture

Conclusion : The substance is considered to be non-toxic by the dermal route.

Substances

Not available

11.3. Acute inhalation toxicity

Data for mixture

Conclusion : The substance is considered to be practically non toxic by the inhalation route.

Substances

Not available

11.4. Skin corrosion

Data for mixture

Conclusion : The substance is considered to be skin irritant.

Substances

Not available

11.5. Eye damage

Data for mixture

Conclusion : The substance is considered to be an irritant.

Substances

Not available

11.6. Skin sensitisation

Data for mixture

Conclusion : No skin sensitizing potential is expected.

Substances

Not available

11.7. STOT RE

Data for mixture

Not available

Substances

Not available

11.8. STOT SE

Data for mixture

Not available

Substances

Not available

11.9. Carcinogenicity

Data for mixture

Not available

Substances

Not available

11.10. Reproductive and Developmental Toxicity

Data for mixture

Not available

Substances

Not available

11.11. genotoxicity

Data for mixture

Not available

Substances

Not available

Additional information

No information available.

Substances

Not available

Data for mixture

No information available.

SECTION 12: Ecological information

12.1. Toxicity

Based on available data, the classification criteria are not met.

12.2. Persistence and degradability

The product has not been tested.

12.3. Bioaccumulative potential

The product has not been tested.

12.4. Mobility in soil

The product has not been tested.

12.5. Results of PBT and vPvB assessment

No data available.

12.6. Other adverse effects

No data available.

12.7. Additional ecotoxicological information

Not available

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Product/Packaging disposal

Waste codes / waste designations according to EWC / AVV: The allocation of waste identity numbers/waste descriptions must be carried out according to the EEC, specific to the industry and process.

Properties of waste which render it hazardous: Not applicable.

Waste treatment options: Appropriate disposal / Product: Dispose of waste according to applicable legislation.

Waste treatment options: Appropriate disposal / Package: Non-contaminated packages must be recycled or disposed of. Packing which cannot be properly cleaned must be disposed of. Dispose of waste according to applicable legislation.

13.2. Additional information

Not available

SECTION 14: Transport information

14.1. UN number

The product is not hazardous according to the applicable transport regulations (ADR / RID / ADN / IMDG / ICAO / ITA).

14.2. UN proper shipping name

Not available

14.3. Transport hazard class(es)

Not available

14.4. Packing group

Not available

14.5. Environmental hazards

Not available

14.6. Special precautions for user

Not available

14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not available

14.8. Additional information

Not available

SECTION 15: Regulatory information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

Not available

15.2. Chemical Safety Assessment

No data available.

15.3. Additional information

Not available

SECTION 16: Other information

Creation date: 10/04/2017
Version date: 10/04/2017
Printing date: 22/05/2017

16.1. Indication of changes

Not applicable (first edition of the MSDS).

16.2. Abbreviations and acronyms

ADN / ADNOR: Regulations concerning the transport of dangerous substances in barges on the waterways. ADR / RID: European Agreement concerning the International Carriage of Dangerous Goods by Road / Regulations concerning the international carriage of dangerous goods by rail. CAS: Chemical Abstract Service Number. CLP: Classification, labeling and packaging. IATA: International Air Transport Association. IMDG: International Maritime Dangerous Goods Code. DPD Dangerous Preparation Directive. UN number: United Nations number. No EC: European Commission Number. VPvB: very persistent and very bioaccumulative substances.

16.3. Key literature references and sources for data

No data available.

16.4. Classification for mixtures and used evaluation method according to regulation (EC) 1272/2008 [CLP]

Classification of the mixture is in accordance with the evaluation method described in Regulation (EC) No 1272/2008.

16.5. Relevant R-, H- and EUH-phrases (Number and full text)

Not available

16.6. Training advice

Refer to Sections 4, 5, 6, 7 and 8 of this safety data sheet.

16.7. Additional information

Not available

The information given in this Safety Data Sheet is based on our present knowledge and on European and national regulations. This Safety Data Sheet describes safety requirements relative to identified uses, it doesn't guarantee all the product properties particularly in the case of non identified uses. The product mustn't be used for any uses other than those identified under heading 1. Since the user's working conditions are not known by us, it is the responsibility of the user to take all necessary measures to comply with legal requirements for specific uses and avoid negative health effects.



HYDROSPEED HD Light / Extra-Light / Regular - Catalyseur

Safety Data Sheet

According to Regulation (EC) No. 1907/2006 (amended by Regulation (EU) No. 2015/830)

Version: 1

Version date: 10/04/2017

Language: EN

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Trade name / designation : HYDROSPEED HD Light / Extra-Light / Regular - Catalyseur.
Article No (user) : HYD-BL / HYD-BLQ / HYD-BXL / HYD-BXLQ / HYD-BR / HYD-BQR.

1.2. Relevant identified uses of the substance or mixture and uses advised against

Not available

1.3. Details of the supplier of the safety data sheet

Supplier : ITENA CLINICAL
Street: 83, Avenue Foch
Postal code / City: 75116 Paris
Country: France
Telephone: [+33 1 45 91 30 06](tel:+33145913006)
Telefax: [+ 33 1 45 91 61 31](tel:+33145916131)
E-mail: contact@itena-clinical.com

1.4 Emergency Telephone Number

Not available

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification according to Regulation (EC) No. 1272/2008 [CLP]

This mixture is not classified as dangerous.

2.2. Label elements

H372 does not apply to the extent that there is no risk of inhalation.

Labelling according to Regulation (EC) No. 1272/2008 [CLP]

Hazard pictograms	-
Signal word	-
Product identifiers	-
Hazard Statements	-
Supplemental Hazard information (EU)	-
Precautionary Statements - General	-
Precautionary Statements - Prevention	P233 - Keep container tightly closed. P270 - Do not eat, drink or smoke when using this product. P273 - Avoid release to the environment.
Precautionary Statements - Response	-
Precautionary Statements - Storage	-
Precautionary Statements - Disposal	-

2.3. Other hazards

Chemical compounds containing silicon-hydrogen (SiH) bonds.

SECTION 3: Composition/information on ingredients

3.1. Substances

Substance	C (%)	Classification	Specific concentration limits	Note
Quartz (SiO ₂) CAS N°:14808-60-7 EC N°:238-878-4 IDX N°:	0.0% ≤C< 40.0%	STOT RE 1: H372	-	-

3.2. Mixtures

Not available

3.3. Remark

Text phrases and H- EUH-: see section 16.

SECTION 4: First aid measures

4.1. Description of first aid measures

General information	:	When in doubt or if symptoms are observed, get medical advice.
Following inhalation	:	No special measures are necessary.
Following skin contact	:	Wash with soap and water.
Following eye contact	:	In case of contact with eyes flush immediately with plenty of flowing water for 10 to 15 minutes holding eyelids apart and consult an ophthalmologist.
Following ingestion	:	Do NOT induce vomiting. Rinse mouth thoroughly with water.
Self-protection of the first aider	:	No special measures are necessary.

4.2. Most important symptoms and effects, both acute and delayed

Symptoms	:	None known.
Effects	:	None known.

4.3. Indication of any immediate medical attention and special treatment needed

Notes for the doctor	:	Treat symptomatically.
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SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media	:	Foam. Extinguishing powder. Carbon dioxide (CO ₂).
Unsuitable extinguishing media	:	Strong water jet.

5.2. Special hazards arising from the substance or mixture

For further information, see paragraph 10: "Stability and Reactivity".

5.3. Advice for firefighters

Wear a self-contained breathing apparatus and chemical protective clothing.

5.4. Additional information

Do not inhale vapors and fumes. Co-ordinate fire-fighting measures to the fire surroundings. Move undamaged containers from immediate hazard area if it can be done safely. Use caution when applying carbon dioxide in confined spaces. carbon dioxide can displace oxygen. Use water spray jet to protect personnel and to cool endangered containers. Collect contaminated fire extinguishing water separately. Do not allow entering drains or surface water.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Use personal protection equipment.

6.2. Environmental precautions

Ensure that waste is collected and contained.

6.3. Methods and material for containment and cleaning up

Treat the recovered material as prescribed in the section on waste disposal. Collect in closed and suitable containers for disposal.

6.4. Reference to other sections

Safe handling: see section 7. Disposal: see section 13. Personal protection equipment: see section 8.

6.5. Additional information

Not available

SECTION 7: Handling and Storage

7.1. Precautions for safe handling

Protective measures

For more information, refer to §10: "Stability and Reactivity". Use mechanical ventilation if handling creates vapors.

Advices on general occupational hygiene

Wash hands before breaks and after work. Remove contaminated, saturated clothing. Work in well ventilated zones or use proper respiratory protection.

7.2. Conditions for safe storage, including any incompatibilities

Advice on joint storage

Keep away from food, drink and animal feedingstuffs. Keep away from incompatible substances.

7.3. Specific end uses

Not available

SECTION 8: Exposure controls / personal protection

8.1. Control parameters

Quartz: When encapsulated in a polymer, is not expected to present a health hazard under normal conditions of use.

8.2. Exposure controls

Appropriate engineering controls

Provide adequate ventilation as well as local exhaust at critical locations.

Personal protection equipment

Not available

Eye/face protection	:	Goggles. Suitable eye protection: Goggles.
Skin protection	:	Hand protection: Suitable gloves type: Disposable gloves. Hand protection: Suitable material: NBR (nitrile rubber). PVC (polyvinyl chloride). Hand protection: Unsuitable material: NR (natural rubber, natural latex). Hand protection: No special measures are necessary. Body protection: No special measures are necessary.
Respiratory protection	:	No special measures are required.

Environmental exposure controls
No special measures are necessary.

8.3. Additional information

Not available

SECTION 9: Physical and chemical Properties

9.1. Information on basic physical and chemical properties

Physical state:	Solid - Paste
Colour:	White
Odour:	Odorless
Odour threshold:	Not available
PH:	Not applicable
Melting point/freezing point:	no available information
Initial boiling point and boiling range:	no available information
Flash point:	> 200 °C
Evaporation rate:	
Flammability:	No information available No information available
Upper/lower flammability or explosive limits:	Not available

Vapour pressure:	< 0.1
Vapour density:	
Relative density:	= 1.55
Solubility(ies):	
Partition coefficient: n-octanol/water (Log KOC):	
Auto-ignition temperature:	> 400 °C
Decomposition temperature:	> 200 °C
Viscosity:	no available information
Explosive properties:	no available information
Oxidising properties:	no available information

9.2. Other safety information

Not available

SECTION 10: Stability and Reactivity

10.1. Reactivity

No data available.

10.2. Chemical stability

The product is stable with storage at normal ambient temperatures.

10.3. Possibility of hazardous reactions

No hazardous reaction when handled and stored as recommended provisions. This product may generate gaseous hydrogen.

10.4. Conditions to avoid

No data available.

10.5. Incompatible materials

Releases a highly flammable gas (hydrogen) which creates the dangers of fire or explosion, in contact with: Strong oxidizing agents. Alkalis and caustic products. Chemical compounds with mobile hydrogens, in the presence of salts or metal complexes.

10.6. Hazardous decomposition products

Thermal decomposition or combustion may release oxides of carbon and other toxic gases or vapors. Amorphous silica. Amount of potentially releasable hydrogen (1 / kg of product): <2.

10.7. Additional information

Not available

SECTION 11: Toxicological information

11.1. Acute oral toxicity

Data for mixture

Conclusion : The substance is considered to be practically non toxic by oral route.

Substances

Not available

11.2. Acute skin toxicity

Data for mixture

Conclusion : The substance is considered to be non-toxic by the dermal route.

Substances

Not available

11.3. Acute inhalation toxicity

Data for mixture

Conclusion : The substance is considered to be practically non toxic by the inhalation route.

Substances

Not available

11.4. Skin corrosion

Data for mixture

Conclusion : The substance is considered to be skin irritant.

Substances

Not available

11.5. Eye damage

Data for mixture

Conclusion : The substance is considered to be an irritant.

Substances

Not available

11.6. Skin sensitisation

Data for mixture

Conclusion : No skin sensitizing potential is expected.

Substances

Not available

11.7. STOT RE

Data for mixture

Not available

Substances

Not available

11.8. STOT SE

Data for mixture

Not available

Substances

Not available

11.9. Carcinogenicity

Data for mixture

Not available

Substances

Not available

11.10. Reproductive and Developmental Toxicity

Data for mixture

Not available

Substances

Not available

11.11. genotoxicity

Data for mixture

Not available

Substances

Not available

Additional information

No information available.

Substances

Not available

Data for mixture

No information available.

SECTION 12: Ecological information

12.1. Toxicity

Based on available data, the classification criteria are not met.

12.2. Persistence and degradability

The product has not been tested.

12.3. Bioaccumulative potential

The product has not been tested.

12.4. Mobility in soil

The product has not been tested.

12.5. Results of PBT and vPvB assessment

No data available.

12.6. Other adverse effects

No data available.

12.7. Additional ecotoxicological information

Not available

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Product/Packaging disposal

Waste codes / waste designations according to EWC / AVV: The allocation of waste identity numbers/waste descriptions must be carried out according to the EEC, specific to the industry and process.

Properties of waste which render it hazardous: Not applicable.

Waste treatment options: Appropriate disposal / Product: Dispose of waste according to applicable legislation.

Waste treatment options: Appropriate disposal / Package: Non-contaminated packages must be recycled or disposed of. Packing which cannot be properly cleaned must be disposed of. Dispose of waste according to applicable legislation.

13.2. Additional information

Not available

SECTION 14: Transport information

14.1. UN number

The product is not hazardous according to the applicable transport regulations (ADR / RID / ADN / IMDG / ICAO / ITA).

14.2. UN proper shipping name

Not available

14.3. Transport hazard class(es)

Not available

14.4. Packing group

Not available

14.5. Environmental hazards

Not available

14.6. Special precautions for user

Not available

14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not available

14.8. Additional information

Not available

SECTION 15: Regulatory information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

Not available

15.2. Chemical Safety Assessment

No data available.

15.3. Additional information

Not available

SECTION 16: Other information

Creation date: 10/04/2017
Version date: 10/04/2017
Printing date: 22/05/2017

16.1. Indication of changes

Not applicable (first edition of the MSDS).

16.2. Abbreviations and acronyms

ADN / ADNR: Regulations concerning the transport of dangerous substances in barges on the waterways. ADR / RID: European Agreement concerning the International Carriage of Dangerous Goods by Road / Regulations concerning the international carriage of dangerous goods by rail. CAS: Chemical Abstract Service Number. CLP: Classification, labeling and packaging. IATA: International Air Transport Association. IMDG: International Maritime Dangerous Goods Code. DPD Dangerous Preparation Directive. UN number: United Nations number. No EC: European Commission Number. VPvB: very persistent and very bioaccumulative substances.

16.3. Key literature references and sources for data

No data available.

16.4. Classification for mixtures and used evaluation method according to regulation (EC) 1272/2008 [CLP]

Classification of the mixture is in accordance with the evaluation method described in Regulation (EC) No 1272/2008.

16.5. Relevant R-, H- and EUH-phrases (Number and full text)

Not available

16.6. Training advice

Refer to Sections 4, 5, 6, 7 and 8 of this safety data sheet.

16.7. Additional information

Not available

The information given in this Safety Data Sheet is based on our present knowledge and on European and national regulations. This Safety Data Sheet describes safety requirements relative to identified uses, it doesn't guarantee all the product properties particularly in the case of non identified uses. The product mustn't be used for any uses other than those identified under heading 1. Since the user's working conditions are not known by us, it is the responsibility of the user to take all necessary measures to comply with legal requirements for specific uses and avoid negative health effects.



HYDROSPEED HD Magnum Putty / Body - Base

Safety Data Sheet

According to Regulation (EC) No. 1907/2006 (amended by Regulation (EU) No. 2015/830)

Version: 1

Version date: 07/04/2017

Language: EN

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Trade name / designation : HYDROSPEED HD Magnum Putty Hard - Base.
Article No (user) : HYDM-PH / HYDM-PHQ / HYDM-BH / HYDM-BHQ.

1.2. Relevant identified uses of the substance or mixture and uses advised against

Not available

1.3. Details of the supplier of the safety data sheet

Supplier : ITENA CLINICAL
Street: 83, Avenue Foch
Postal code / City: 75116 Paris
Country: France
Telephone: [+33 1 45 91 30 06](tel:+33145913006)
Telefax: [+ 33 1 45 91 61 31](tel:+33145916131)
E-mail: contact@itena-clinical.com

1.4 Emergency Telephone Number

Not available

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification according to Regulation (EC) No. 1272/2008 [CLP]

This mixture is not classified as dangerous.

2.2. Label elements

H372 does not apply to the extent that there is no risk of inhalation.

Labelling according to Regulation (EC) No. 1272/2008 [CLP]

Hazard pictograms	-
Signal word	-
Product identifiers	-
Hazard Statements	-
Supplemental Hazard information (EU)	-
Precautionary Statements - General	-
Precautionary Statements - Prevention	P233 - Keep container tightly closed. P270 - Do not eat, drink or smoke when using this product. P273 - Avoid release to the environment.
Precautionary Statements - Response	-
Precautionary Statements - Storage	-
Precautionary Statements - Disposal	-

2.3. Other hazards

Chemical compounds containing silicon-hydrogen (SiH) bonds.

SECTION 3: Composition/information on ingredients

3.1. Substances

Substance	C (%)	Classification	Specific concentration limits	Note
Quartz (SiO ₂) CAS N°:14808-60-7 EC N°:238-878-4 IDX N°:	0.0% ≤C< 60.0%	STOT RE 1: H372	-	-

3.2. Mixtures

Not available

3.3. Remark

Text phrases and H- EUH-: see section 16.

SECTION 4: First aid measures

4.1. Description of first aid measures

General information	:	When in doubt or if symptoms are observed, get medical advice.
Following inhalation	:	No special measures are necessary.
Following skin contact	:	Wash with soap and water.
Following eye contact	:	In case of contact with eyes flush immediately with plenty of flowing water for 10 to 15 minutes holding eyelids apart and consult an ophthalmologist.
Following ingestion	:	Do NOT induce vomiting. Rinse mouth thoroughly with water.
Self-protection of the first aider	:	No special measures are necessary.

4.2. Most important symptoms and effects, both acute and delayed

Symptoms	:	None known.
Effects	:	None known.

4.3. Indication of any immediate medical attention and special treatment needed

Notes for the doctor	:	Treat symptomatically.
----------------------	---	------------------------

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media	:	Foam. Extinguishing powder. Carbon dioxide (CO ₂).
Unsuitable extinguishing media	:	Strong water jet.

5.2. Special hazards arising from the substance or mixture

For further information, see paragraph 10: "Stability and Reactivity".

5.3. Advice for firefighters

Wear a self-contained breathing apparatus and chemical protective clothing.

5.4. Additional information

Do not inhale vapors and fumes. Co-ordinate fire-fighting measures to the fire surroundings. Move undamaged containers from immediate hazard area if it can be done safely. Use caution when applying carbon dioxide in confined spaces. carbon dioxide can displace oxygen. Use water spray jet to protect personnel and to cool endangered containers. Collect contaminated fire extinguishing water separately. Do not allow entering drains or surface water.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Use personal protection equipment.

6.2. Environmental precautions

Ensure that waste is collected and contained.

6.3. Methods and material for containment and cleaning up

Treat the recovered material as prescribed in the section on waste disposal. Collect in closed and suitable containers for disposal.

6.4. Reference to other sections

Safe handling: see section 7. Disposal: see section 13. Personal protection equipment: see section 8.

6.5. Additional information

Not available

SECTION 7: Handling and Storage

7.1. Precautions for safe handling

Protective measures

For more information, refer to §10: "Stability and Reactivity". Use mechanical ventilation if handling creates vapors.

Advices on general occupational hygiene

Wash hands before breaks and after work. Remove contaminated, saturated clothing. Work in well ventilated zones or use proper respiratory protection.

7.2. Conditions for safe storage, including any incompatibilities

Keep container tightly closed in a cool, well-ventilated place.

Advice on joint storage

Keep away from food, drink and animal feedingstuffs. Keep away from incompatible substances.

7.3. Specific end uses

Observe instructions for use.

SECTION 8: Exposure controls / personal protection

8.1. Control parameters

Quartz: When encapsulated in a polymer, is not expected to present a health hazard under normal conditions of use.

8.2. Exposure controls

Appropriate engineering controls

Not available

Personal protection equipment



- | | | |
|------------------------|---|--|
| Eye/face protection | : | Goggles.
Suitable eye protection: Goggles. |
| Skin protection | : | Hand protection: Suitable gloves type: Disposable gloves.
Hand protection: Suitable material: NBR (nitrile rubber). PVC (polyvinyl chloride).
Hand protection: Unsuitable material: NR (natural rubber, natural latex).
Hand protection: No special measures are necessary.
Body protection: No special measures are required. |
| Respiratory protection | : | No special measures are required. |

Environmental exposure controls

See section 7. No additional measures necessary.

8.3. Additional information

Not available

SECTION 9: Physical and chemical Properties

9.1. Information on basic physical and chemical properties

Physical state:	Solid - Paste
Colour:	According to product designation
Odour:	Odorless
Odour threshold:	Not available
PH:	Not applicable
Melting point/freezing point:	no available information
Initial boiling point and boiling range:	no available information
Flash point:	> 200 °C

Evaporation rate:	no available information
Flammability:	no available information
Upper/lower flammability or explosive limits:	Not available
Vapour pressure:	< 0.1
Vapour density:	no available information
Relative density:	= 1.55
Solubility(ies):	
Partition coefficient: n-octanol/water (Log KOC):	
Auto-ignition temperature:	> 400 °C
Decomposition temperature:	> 200 °C
Viscosity:	no available information
Explosive properties:	no available information
Oxidising properties:	no available information

9.2. Other safety information

Not available

SECTION 10: Stability and Reactivity

10.1. Reactivity

No data available.

10.2. Chemical stability

The product is stable with storage at normal ambient temperatures.

10.3. Possibility of hazardous reactions

No hazardous reaction when handled and stored as recommended provisions. This product may generate gaseous hydrogen.

10.4. Conditions to avoid

No data available.

10.5. Incompatible materials

Releases a highly flammable gas (hydrogen) which creates the dangers of fire or explosion, in contact with: Strong oxidizing agents. Alkalis and caustic products. Chemical compounds with mobile hydrogens, in the presence of salts or metal complexes.

10.6. Hazardous decomposition products

Thermal decomposition or combustion may release oxides of carbon and other toxic gases or vapors. Amorphous silica. Amount of potentially releasable hydrogen (1 / kg of product): <2.

10.7. Additional information

Not available

SECTION 11: Toxicological information

11.1. Acute oral toxicity

Data for mixture

Conclusion : The substance is considered to be practically non toxic by oral route.

Substances

Not available

11.2. Acute skin toxicity

Data for mixture

Conclusion : The substance is considered to be non-toxic by the dermal route.

Substances

Not available

11.3. Acute inhalation toxicity

Data for mixture

Conclusion : The substance is considered to be practically non toxic by the inhalation route.

Substances

Not available

11.4. Skin corrosion

Data for mixture

Conclusion : The substance is considered to be skin irritant.

Substances

Not available

11.5. Eye damage

Data for mixture

Conclusion : The substance is considered to be an irritant.

Substances

Not available

11.6. Skin sensitisation

Data for mixture

Conclusion : No skin sensitizing potential is expected.

Substances

Not available

11.7. STOT RE

Data for mixture

Substances

Not available

11.8. STOT SE

Data for mixture

Not available

Substances

Not available

11.9. Carcinogenicity

Data for mixture

Not available

Substances

Not available

11.10. Reproductive and Developmental Toxicity

Data for mixture

Not available

Substances

Not available

11.11. genotoxicity

Data for mixture

Not available

Substances

Not available

Additional information

No information available.

Substances

Not available

Data for mixture

No information available.

SECTION 12: Ecological information

12.1. Toxicity

Based on available data, the classification criteria are not met.

12.2. Persistence and degradability

The product has not been tested.

12.3. Bioaccumulative potential

The product has not been tested.

12.4. Mobility in soil

The product has not been tested.

12.5. Results of PBT and vPvB assessment

No data available.

12.6. Other adverse effects

No data available.

12.7. Additional ecotoxicological information

Not available

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Product/Packaging disposal

Waste codes / waste designations according to EWC / AVV: The allocation of waste identity numbers/waste descriptions must be carried out according to the EEC, specific to the industry and process.

Properties of waste which render it hazardous: Not applicable.

Waste treatment options: Appropriate disposal / Product: Dispose of waste according to applicable legislation.

Waste treatment options: Appropriate disposal / Package: Non-contaminated packages must be recycled or disposed of. Packing which cannot be properly cleaned must be disposed of. Dispose of waste according to applicable legislation.

13.2. Additional information

Not available

SECTION 14: Transport information

14.1. UN number

The product is not hazardous according to the applicable transport regulations (ADR / RID / ADN / IMDG / ICAO / ITA).

14.2. UN proper shipping name

Not available

14.3. Transport hazard class(es)

Not available

14.4. Packing group

Not available

14.5. Environmental hazards

Not available

14.6. Special precautions for user

Not available

14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not available

14.8. Additional information

Not available

SECTION 15: Regulatory information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

Not available

15.2. Chemical Safety Assessment

No data available.

15.3. Additional information

Not available

SECTION 16: Other information

Creation date: 07/04/2017

Version date: 07/04/2017

Printing date: 22/05/2017

16.1. Indication of changes

Not applicable (first edition of the MSDS).

16.2. Abbreviations and acronyms

ADN / ADNOR: Regulations concerning the transport of dangerous substances in barges on the waterways. ADR / RID: European Agreement concerning the International Carriage of Dangerous Goods by Road / Regulations concerning the international carriage of dangerous goods by rail. CAS: Chemical Abstract Service Number. CLP: Classification, labeling and packaging. IATA: International Air Transport Association. IMDG: International Maritime Dangerous Goods Code. DPD Dangerous Preparation Directive. UN number: United Nations number. No EC: European Commission Number. VPvB: very persistent and very bioaccumulative substances.

16.3. Key literature references and sources for data

No data available.

16.4. Classification for mixtures and used evaluation method according to regulation (EC) 1272/2008 [CLP]

Classification of the mixture is in accordance with the evaluation method described in Regulation (EC) No 1272/2008.

16.5. Relevant R-, H- and EUH-phrases (Number and full text)

Not available

16.6. Training advice

Refer to Sections 4, 5, 6, 7 and 8 of this safety data sheet.

16.7. Additional information

Not available

The information given in this Safety Data Sheet is based on our present knowledge and on European and national regulations. This Safety Data Sheet describes safety requirements relative to identified uses, it doesn't guarantee all the product properties particularly in the case of non identified uses. The product mustn't be used for any uses other than those identified under heading 1. Since the user's working conditions are not known by us, it is the responsibility of the user to take all necessary measures to comply with legal requirements for specific uses and avoid negative health effects.



HYDROSPEED HD Magnum Putty / Body - Catalyseur

Safety Data Sheet

According to Regulation (EC) No. 1907/2006 (amended by Regulation (EU) No. 2015/830)

Version: 1

Version date: 07/04/2017

Language: EN

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Trade name / designation : HYDROSPEED HD Magnum Putty Hard - Catalyseur.
Article No (user) : HYDM-PH / HYDM-PHQ / HYDM-BH / HYDM-BHQ.

1.2. Relevant identified uses of the substance or mixture and uses advised against

Not available

1.3. Details of the supplier of the safety data sheet

Supplier : ITENA CLINICAL
Street: 83, Avenue Foch
Postal code / City: 75116 Paris
Country: France
Telephone: [+33 1 45 91 30 06](tel:+33145913006)
Telefax: [+ 33 1 45 91 61 31](tel:+33145916131)
E-mail: contact@itena-clinical.com

1.4 Emergency Telephone Number

Not available

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification according to Regulation (EC) No. 1272/2008 [CLP]

This mixture is not classified as dangerous.

2.2. Label elements

H372 does not apply to the extent that there is no risk of inhalation.

Labelling according to Regulation (EC) No. 1272/2008 [CLP]

Hazard pictograms	-
Signal word	-
Product identifiers	-
Hazard Statements	-
Supplemental Hazard information (EU)	-
Precautionary Statements - General	-
Precautionary Statements - Prevention	P233 - Keep container tightly closed. P270 - Do not eat, drink or smoke when using this product. P273 - Avoid release to the environment.
Precautionary Statements - Response	-
Precautionary Statements - Storage	-
Precautionary Statements - Disposal	-

2.3. Other hazards

Chemical compounds containing silicon-hydrogen (SiH) bonds.

SECTION 3: Composition/information on ingredients

3.1. Substances

Substance	C (%)	Classification	Specific concentration limits	Note
Quartz (SiO ₂) CAS N°:14808-60-7 EC N°:238-878-4 IDX N°:	0.0% ≤C< 60.0%	STOT RE 1: H372	-	-

3.2. Mixtures

Not available

3.3. Remark

Text phrases and H- EUH-: see section 16.

SECTION 4: First aid measures

4.1. Description of first aid measures

General information	:	When in doubt or if symptoms are observed, get medical advice.
Following inhalation	:	Remove person to fresh air and keep comfortable for breathing. No special measures are necessary.
Following skin contact	:	Wash with soap and water.
Following eye contact	:	In case of contact with eyes flush immediately with plenty of flowing water for 10 to 15 minutes holding eyelids apart and consult an ophthalmologist.
Following ingestion	:	Do NOT induce vomiting. Rinse mouth thoroughly with water.
Self-protection of the first aider	:	No special measures are necessary.

4.2. Most important symptoms and effects, both acute and delayed

Symptoms	:	None known.
Effects	:	None known.

4.3. Indication of any immediate medical attention and special treatment needed

Notes for the doctor	:	Treat symptomatically.
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SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media	:	Foam. Extinguishing powder. Carbon dioxide (CO ₂).
Unsuitable extinguishing media	:	Strong water jet.

5.2. Special hazards arising from the substance or mixture

For further information, see paragraph 10: "Stability and Reactivity".

5.3. Advice for firefighters

Wear a self-contained breathing apparatus and chemical protective clothing.

5.4. Additional information

Do not inhale vapors and fumes. Co-ordinate fire-fighting measures to the fire surroundings. Move undamaged containers from immediate hazard area if it can be done safely. Use caution when applying carbon dioxide in confined spaces. carbon dioxide can displace oxygen. Use water spray jet to protect personnel and to cool endangered containers. Collect contaminated fire extinguishing water separately. Do not allow entering drains or surface water.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Use personal protection equipment.

6.2. Environmental precautions

Ensure that waste is collected and contained.

6.3. Methods and material for containment and cleaning up

Treat the recovered material as prescribed in the section on waste disposal. Collect in closed and suitable containers for disposal.

6.4. Reference to other sections

Safe handling: see section 7. Disposal: see section 13. Personal protection equipment: see section 8.

6.5. Additional information

Not available

SECTION 7: Handling and Storage

7.1. Precautions for safe handling

Protective measures

For more information, refer to §10: "Stability and Reactivity". Use mechanical ventilation if handling creates vapors.

Advices on general occupational hygiene

Wash hands before breaks and after work. Remove contaminated, saturated clothing. Work in well ventilated zones or use proper respiratory protection.

7.2. Conditions for safe storage, including any incompatibilities

Keep container tightly closed in a cool, well-ventilated place.

Advice on joint storage

Keep away from food, drink and animal feedingstuffs. Keep away from incompatible substances.

7.3. Specific end uses

Observe instructions for use.

SECTION 8: Exposure controls / personal protection

8.1. Control parameters

Quartz: When encapsulated in a polymer, is not expected to present a health hazard under normal conditions of use.

8.2. Exposure controls

Appropriate engineering controls

Not available

Personal protection equipment



Eye/face protection	:	Goggles. Suitable eye protection: Goggles.
Skin protection	:	Hand protection: Suitable gloves type: Disposable gloves. Hand protection: Suitable material: NBR (nitrile rubber). PVC (polyvinyl chloride). Hand protection: Unsuitable material: NR (natural rubber, natural latex). Hand protection: No special measures are necessary. Body protection: No special measures are required.
Respiratory protection	:	No special measures are required.

Environmental exposure controls

See section 7. No additional measures necessary.

8.3. Additional information

Not available

SECTION 9: Physical and chemical Properties

9.1. Information on basic physical and chemical properties

Physical state:	Solid - Paste
Colour:	White
Odour:	Odorless
Odour threshold:	Not available
PH:	Not applicable
Melting point/freezing point:	no available information
Initial boiling point and boiling range:	no available information
Flash point:	> 200 °C

Evaporation rate:	no available information
Flammability:	no available information
Upper/lower flammability or explosive limits:	Not available
Vapour pressure:	< 0.1 hPA (20°C)
Vapour density:	no available information
Relative density:	= 1.55 (20°C)
Solubility(ies):	Practically insoluble
Partition coefficient: n-octanol/water (Log KOC):	no available information
Auto-ignition temperature:	> 400 °C
Decomposition temperature:	> 200 °C
Viscosity:	no available information
Explosive properties:	no available information
Oxidising properties:	no available information

9.2. Other safety information

Not available

SECTION 10: Stability and Reactivity

10.1. Reactivity

No data available.

10.2. Chemical stability

The product is stable with storage at normal ambient temperatures.

10.3. Possibility of hazardous reactions

No hazardous reaction when handled and stored as recommended provisions. This product may generate gaseous hydrogen.

10.4. Conditions to avoid

No data available.

10.5. Incompatible materials

Releases a highly flammable gas (hydrogen) which creates the dangers of fire or explosion, in contact with: Strong oxidizing agents. Alkalis and caustic products. Chemical compounds with mobile hydrogens, in the presence of salts or metal complexes.

10.6. Hazardous decomposition products

Thermal decomposition or combustion may release oxides of carbon and other toxic gases or vapors. Amorphous silica. Amount of potentially releasable hydrogen (1 / kg of product): <2.

10.7. Additional information

Not available

SECTION 11: Toxicological information

11.1. Acute oral toxicity

Data for mixture

Conclusion : The substance is considered to be practically non toxic by oral route.

Substances

Not available

11.2. Acute skin toxicity

Data for mixture

Conclusion : The substance is considered to be non-toxic by the dermal route.

Substances

Not available

11.3. Acute inhalation toxicity

Data for mixture

Conclusion : The substance is considered to be practically non toxic by the inhalation route.

Substances

Not available

11.4. Skin corrosion

Data for mixture

Conclusion : The substance is considered to be skin irritant.

Substances

Not available

11.5. Eye damage

Data for mixture

Conclusion : The substance is considered to be an irritant.

Substances

Not available

11.6. Skin sensitisation

Data for mixture

Conclusion : No skin sensitizing potential is expected.

Substances

Not available

11.7. STOT RE

Data for mixture

Not available

Substances

Not available

11.8. STOT SE

Data for mixture

Not available

Substances

Not available

11.9. Carcinogenicity

Data for mixture

Not available

Substances

Not available

11.10. Reproductive and Developmental Toxicity

Data for mixture

Not available

Substances

Not available

11.11. genotoxicity

Data for mixture

Not available

Substances

Not available

Additional information

No information available.

Substances

Not available

Data for mixture

No information available.

SECTION 12: Ecological information

12.1. Toxicity

Based on available data, the classification criteria are not met.

12.2. Persistence and degradability

The product has not been tested.

12.3. Bioaccumulative potential

The product has not been tested.

12.4. Mobility in soil

The product has not been tested.

12.5. Results of PBT and vPvB assessment

No data available.

12.6. Other adverse effects

No data available.

12.7. Additional ecotoxicological information

Not available

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Product/Packaging disposal

Waste codes / waste designations according to EWC / AVV: The allocation of waste identity numbers/waste descriptions must be carried out according to the EEC, specific to the industry and process.

Properties of waste which render it hazardous: Not applicable. Toxic.

Waste treatment options: Appropriate disposal / Product: Dispose of waste according to applicable legislation.

Waste treatment options: Appropriate disposal / Package: Non-contaminated packages must be recycled or disposed of. Packing which cannot be properly cleaned must be disposed of. Dispose of waste according to applicable legislation.

13.2. Additional information

Not available

SECTION 14: Transport information

14.1. UN number

The product is not hazardous according to the applicable transport regulations (ADR / RID / ADN / IMDG / ICAO / ITA).

14.2. UN proper shipping name

Not available

14.3. Transport hazard class(es)

No data available.

14.4. Packing group

Not available

14.5. Environmental hazards

Not available

14.6. Special precautions for user

Not available

14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not available

14.8. Additional information

Not available

SECTION 15: Regulatory information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

Not available

15.2. Chemical Safety Assessment

No data available.

15.3. Additional information

Not available

SECTION 16: Other information

Creation date: 07/04/2017

Version date: 07/04/2017

Printing date: 22/05/2017

16.1. Indication of changes

Not applicable (first edition of the MSDS).

16.2. Abbreviations and acronyms

ADN / ADNOR: Regulations concerning the transport of dangerous substances in barges on the waterways. ADR / RID: European Agreement concerning the International Carriage of Dangerous Goods by Road / Regulations concerning the international carriage of dangerous goods by rail. CAS: Chemical Abstract Service Number. CLP: Classification, labeling and packaging. IATA: International Air Transport Association. IMDG: International Maritime Dangerous Goods Code. DPD Dangerous Preparation Directive. UN number: United Nations number. No EC: European Commission Number. VPvB: very persistent and very bioaccumulative substances.

16.3. Key literature references and sources for data

No data available.

16.4. Classification for mixtures and used evaluation method according to regulation (EC) 1272/2008 [CLP]

Classification of the mixture is in accordance with the evaluation method described in Regulation (EC) No 1272/2008.

16.5. Relevant R-, H- and EUH-phrases (Number and full text)

Not available

16.6. Training advice

Refer to Sections 4, 5, 6, 7 and 8 of this safety data sheet.

16.7. Additional information

Not available

The information given in this Safety Data Sheet is based on our present knowledge and on European and national regulations. This Safety Data Sheet describes safety requirements relative to identified uses, it doesn't guarantee all the product properties particularly in the case of non identified uses. The product mustn't be used for any uses other than those identified under heading 1. Since the user's working conditions are not known by us, it is the responsibility of the user to take all necessary measures to comply with legal requirements for specific uses and avoid negative health effects.



HYDROSPEED HD Putty - Base

Safety Data Sheet

According to Regulation (EC) No. 1907/2006 (amended by Regulation (EU) No. 2015/830)

Version: 1

Version date: 03/04/2017

Language: EN

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Trade name / designation : HYDROSPEED HD Putty - Base.
Article No (user) : HYD-PH / HYD-PHQ / HYD-PS / HYD-PSQ.

1.2. Relevant identified uses of the substance or mixture and uses advised against

Not available

1.3. Details of the supplier of the safety data sheet

Supplier : ITENA CLINICAL
Street: 83, Avenue Foch
Postal code / City: 75116 Paris
Country: France
Telephone: [+33 1 45 91 30 06](tel:+33145913006)
Telefax: [+ 33 1 45 91 61 31](tel:+33145916131)
E-mail: contact@itena-clinical.com

1.4 Emergency Telephone Number

Not available

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification according to Regulation (EC) No. 1272/2008 [CLP]

This mixture is not classified as dangerous.

2.2. Label elements

H372 does not apply to the extent that there is no risk of inhalation.

Labelling according to Regulation (EC) No. 1272/2008 [CLP]

Hazard pictograms	-
Signal word	-
Product identifiers	-
Hazard Statements	-
Supplemental Hazard information (EU)	-
Precautionary Statements - General	-
Precautionary Statements - Prevention	P270 - Do not eat, drink or smoke when using this product. P233 - Keep container tightly closed. P273 - Avoid release to the environment.
Precautionary Statements - Response	-
Precautionary Statements - Storage	-
Precautionary Statements - Disposal	-

2.3. Other hazards

Chemical compounds containing silicon-hydrogen (SiH) bonds.

SECTION 3: Composition/information on ingredients

3.1. Substances

Substance	C (%)	Classification	Specific concentration limits	Note
crystalite CAS N°:14464-46-1 EC N°:238-455-4 IDX N°:	0.0% ≤C< 60.0%	STOT RE 1: H372	-	-
White mineral oil (petroleum) CAS N°:8042-47-5 EC N°:232-455-8 IDX N°:	0.0% ≤C≤ 10.0%	Asp. Tox. 1: H304	-	-
Kieselguhr, soda ash flux-calcined CAS N°:68855-54-9 EC N°:272-489-0 IDX N°:	0.0% ≤C≤ 5.0%	STOT RE 2: H373	-	-

3.2. Mixtures

Not available

3.3. Remark

Text phrases and H- EUH-: see section 16.

SECTION 4: First aid measures

4.1. Description of first aid measures

General information	:	When in doubt or if symptoms are observed, get medical advice.
Following inhalation	:	No special measures are necessary.
Following skin contact	:	Wash with soap and water.
Following eye contact	:	In case of contact with eyes flush immediately with plenty of flowing water for 10 to 15 minutes holding eyelids apart and consult an ophthalmologist.
Following ingestion	:	Do NOT induce vomiting. Rinse mouth thoroughly with water.
Self-protection of the first aider	:	No special measures are necessary.

4.2. Most important symptoms and effects, both acute and delayed

Symptoms	:	None known.
Effects	:	None known.

4.3. Indication of any immediate medical attention and special treatment needed

Notes for the doctor	:	Treat symptomatically.
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SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media	:	Foam. Extinguishing powder. Carbon dioxide (CO ₂).
Unsuitable extinguishing media	:	Strong water jet.

5.2. Special hazards arising from the substance or mixture

For further information, see paragraph 10: "Stability and Reactivity".

5.3. Advice for firefighters

Wear a self-contained breathing apparatus and chemical protective clothing.

5.4. Additional information

Do not inhale vapors and fumes. Co-ordinate fire-fighting measures to the fire surroundings. Move undamaged containers from immediate hazard area if it can be done safely. Use caution when applying carbon dioxide in confined spaces. Carbon dioxide can displace oxygen. Use water spray jet to protect personnel and to cool endangered containers. Collect contaminated fire extinguishing water separately. Do not allow entering drains or surface water.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Use personal protection equipment.

6.2. Environmental precautions

Ensure that waste is collected and contained.

6.3. Methods and material for containment and cleaning up

Treat the recovered material as prescribed in the section on waste disposal. Collect in closed and suitable containers for disposal.

6.4. Reference to other sections

Safe handling: see section 7. Disposal: see section 13. Personal protection equipment: see section 8.

6.5. Additional information

Not available

SECTION 7: Handling and Storage

7.1. Precautions for safe handling

Protective measures

For more information, refer to §10: "Stability and Reactivity". Use mechanical ventilation if handling creates vapors.

Advices on general occupational hygiene

Wash hands before breaks and after work. Remove contaminated, saturated clothing. Work in well ventilated zones or use proper respiratory protection.

7.2. Conditions for safe storage, including any incompatibilities

Keep container tightly closed in a cool, well-ventilated place.

Requirements for storage rooms and vessels

Keep container tightly closed.

Advice on joint storage

Keep away from food, drink and animal feedingstuffs. Keep away from incompatible substances.

7.3. Specific end uses

Not available

SECTION 8: Exposure controls / personal protection

8.1. Control parameters

Quartz: When encapsulated in a polymer, is not expected to present a health hazard under normal conditions of use.

8.2. Exposure controls

Appropriate engineering controls

Avoid inhalation of vapors and aerosol mists.

Personal protection equipment



Eye/face protection	:	Goggles. Suitable eye protection: Goggles. Required properties: Lm.
Skin protection	:	Hand protection: Suitable gloves type: Disposable gloves. Hand protection: Suitable material: NBR (nitrile rubber). PVC (polyvinyl chloride). Hand protection: Unsuitable material: NR (natural rubber, natural latex). Hand protection: No special measures are necessary. Body protection: No special measures are necessary.
Respiratory protection	:	No special measures are required.
Environmental exposure controls		No special measures are necessary.

8.3. Additional information

Not available

SECTION 9: Physical and chemical Properties

9.1. Information on basic physical and chemical properties

Physical state:	Solid
Colour:	According to product designation
Odour:	Odorless
Odour threshold:	Not available
PH:	Not applicable
Melting point/freezing point:	No available information.
Initial boiling point and boiling range:	No available information.
Flash point:	> 200 °C
Evaporation rate:	No available information.
Flammability:	No available information.
Upper/lower flammability or explosive limits:	Not available
Vapour pressure:	< 0.1 hPA (20°C)
Vapour density:	No available information.
Relative density:	= 1.55 (20°C)
Solubility(ies):	Practically insoluble
Partition coefficient: n-octanol/water (Log KOC):	No available information.
Auto-ignition temperature:	> 400 °C
Decomposition temperature:	> 200 °C
Viscosity:	No available information.
Explosive properties:	No available information.
Oxidising properties:	No available information.

9.2. Other safety information

Not available

SECTION 10: Stability and Reactivity

10.1. Reactivity

No data available.

10.2. Chemical stability

The product is stable with storage at normal ambient temperatures.

10.3. Possibility of hazardous reactions

No hazardous reaction when handled and stored as recommended provisions. This product may generate gaseous hydrogen.

10.4. Conditions to avoid

No data available.

10.5. Incompatible materials

Releases a highly flammable gas (hydrogen) which creates the dangers of fire or explosion, in contact with: Strong oxidizing agents. Alkalis and caustic products. Chemical compounds with mobile hydrogens, in the presence of salts or metal complexes.

10.6. Hazardous decomposition products

Thermal decomposition or combustion may release oxides of carbon and other toxic gases or vapors. Amorphous silica. Amount of potentially releasable hydrogen (1 / kg of product): <2.

10.7. Additional information

Not available

SECTION 11: Toxicological information

11.1. Acute oral toxicity

Data for mixture

Conclusion : The substance is considered to be practically non toxic by oral route.

Substances

Not available

11.2. Acute skin toxicity

Data for mixture

Conclusion : The substance is considered to be non-toxic by the dermal route.

Substances

Not available

11.3. Acute inhalation toxicity

Data for mixture

Conclusion : The substance is considered to be practically non toxic by the inhalation route.

Substances

Not available

11.4. Skin corrosion

Data for mixture

Conclusion : The substance is considered to be skin irritant.

Substances

Not available

11.5. Eye damage

Data for mixture

Conclusion : The substance is considered to be an irritant.

Substances

Not available

11.6. Skin sensitisation

Data for mixture

Conclusion : No skin sensitizing potential is expected.

Substances

Not available

11.7. STOT RE

Data for mixture

Not available

Substances

Not available

11.8. STOT SE

Data for mixture

Not available

Substances

Not available

11.9. Carcinogenicity

Data for mixture

Not available

Substances

Not available

11.10. Reproductive and Developmental Toxicity

Data for mixture

Not available

Substances

Not available

11.11. genotoxicity

Data for mixture

Not available

Substances

Not available

Additional information

No information available.

Substances

Not available

Data for mixture

No information available.

SECTION 12: Ecological information

12.1. Toxicity

Based on available data, the classification criteria are not met.

12.2. Persistence and degradability

The product has not been tested.

12.3. Bioaccumulative potential

The product has not been tested.

12.4. Mobility in soil

The product has not been tested.

12.5. Results of PBT and vPvB assessment

No data available.

12.6. Other adverse effects

No data available.

12.7. Additional ecotoxicological information

Not available

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Product/Packaging disposal

Waste codes / waste designations according to EWC / AVV: The allocation of waste identity numbers/waste descriptions must be carried out according to the EEC, specific to the industry and process.

Properties of waste which render it hazardous: Not applicable.

Waste treatment options: Appropriate disposal / Product: Dispose of waste according to applicable legislation.

Waste treatment options: Appropriate disposal / Package: Non-contaminated packages must be recycled or disposed of. Packing which cannot be properly cleaned must be disposed of. Dispose of waste according to applicable legislation.

13.2. Additional information

Not available

SECTION 14: Transport information

14.1. UN number

The product is not hazardous according to the applicable transport regulations (ADR / RID / ADN / IMDG / ICAO / ITA).

14.2. UN proper shipping name

Not available

14.3. Transport hazard class(es)

Not available

14.4. Packing group

Not available

14.5. Environmental hazards

Not available

14.6. Special precautions for user

Not available

14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not available

14.8. Additional information

Not available

SECTION 15: Regulatory information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

Not available

15.2. Chemical Safety Assessment

For this product a chemical safety assessment is not required. No data available.

15.3. Additional information

Not available

SECTION 16: Other information

Creation date: 03/04/2017

Version date: 03/04/2017

Printing date: 22/05/2017

16.1. Indication of changes

Not applicable (first edition of the MSDS).

16.2. Abbreviations and acronyms

ADN / ADNOR: Regulations concerning the transport of dangerous substances in barges on the waterways. ADR / RID: European Agreement concerning the International Carriage of Dangerous Goods by Road / Regulations concerning the international carriage of dangerous goods by rail. CAS: Chemical Abstract Service Number. CLP: Classification, labeling and packaging. IATA: International Air Transport Association. IMDG: International Maritime Dangerous Goods Code. DPD Dangerous Preparation Directive. UN number: United Nations number. No EC: European Commission Number. VPvB: very persistent and very bioaccumulative substances.

16.3. Key literature references and sources for data

No data available.

16.4. Classification for mixtures and used evaluation method according to regulation (EC) 1272/2008 [CLP]

Classification of the mixture is in accordance with the evaluation method described in Regulation (EC) No 1272/2008.

16.5. Relevant R-, H- and EUH-phrases (Number and full text)

Not available

16.6. Training advice

Refer to Sections 4, 5, 6, 7 and 8 of this safety data sheet.

16.7. Additional information

Not available

The information given in this Safety Data Sheet is based on our present knowledge and on European and national regulations. This Safety Data Sheet describes safety requirements relative to identified uses, it doesn't guarantee all the product properties particularly in the case of non identified uses. The product mustn't be used for any uses other than those identified under heading 1. Since the user's working conditions are not known by us, it is the responsibility of the user to take all necessary measures to comply with legal requirements for specific uses and avoid negative health effects.



HYDROSPEED HD Putty - Catalyseur

Safety Data Sheet

According to Regulation (EC) No. 1907/2006 (amended by Regulation (EU) No. 2015/830)

Version: 1

Version date: 13/03/2017

Language: EN

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Trade name / designation : HYDROSPEED HD Putty - Catalyst.
Article No (user) : HYD-PH / HYD-PHQ / HYD-PS / HYD-PSQ.

1.2. Relevant identified uses of the substance or mixture and uses advised against

Not available

1.3. Details of the supplier of the safety data sheet

Supplier : ITENA CLINICAL
Street: 83, Avenue Foch
Postal code / City: 75116 Paris
Country: France
Telephone: [+33 1 45 91 30 06](tel:+33145913006)
Telefax: [+ 33 1 45 91 61 31](tel:+33145916131)
E-mail: contact@itena-clinical.com

1.4 Emergency Telephone Number

Not available

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification according to Regulation (EC) No. 1272/2008 [CLP]

This mixture is not classified as dangerous.

2.2. Label elements

H372 does not apply to the extent that there is no risk of inhalation.

Labelling according to Regulation (EC) No. 1272/2008 [CLP]

Hazard pictograms	-
Signal word	-
Product identifiers	-
Hazard Statements	-
Supplemental Hazard information (EU)	-
Precautionary Statements - General	-
Precautionary Statements - Prevention	P233 - Keep container tightly closed. P270 - Do not eat, drink or smoke when using this product. P273 - Avoid release to the environment.
Precautionary Statements - Response	-
Precautionary Statements - Storage	-
Precautionary Statements - Disposal	-

2.3. Other hazards

Chemical compounds containing silicon-hydrogen (SiH) bonds.

SECTION 3: Composition/information on ingredients

3.1. Substances

Substance	C (%)	Classification	Specific concentration limits	Note
crystalite CAS N°:14464-46-1 EC N°:238-455-4 IDX N°:	0.0% ≤C< 60.0%	STOT RE 1: H372	-	-
White mineral oil (petroleum) CAS N°:8042-47-5 EC N°:232-455-8 IDX N°:	0.0% ≤C< 10.0%	Asp. Tox. 1: H304	-	-
Kieselguhr, soda ash flux-calcined CAS N°:68855-54-9 EC N°:272-489-0 IDX N°:	0.0% ≤C< 5.0%	STOT RE 2: H373	-	-

3.2. Mixtures

Not available

3.3. Remark

Text phrases and H- EUH-: see section 16.

SECTION 4: First aid measures

4.1. Description of first aid measures

General information	:	When in doubt or if symptoms are observed, get medical advice.
Following inhalation	:	No special measures are necessary.
Following skin contact	:	Wash with soap and water.
Following eye contact	:	In case of contact with eyes flush immediately with plenty of flowing water for 10 to 15 minutes holding eyelids apart and consult an ophthalmologist.
Following ingestion	:	Do NOT induce vomiting. Rinse mouth thoroughly with water.
Self-protection of the first aider	:	No special measures are necessary.

4.2. Most important symptoms and effects, both acute and delayed

Symptoms	:	None known.
Effects	:	None known.

4.3. Indication of any immediate medical attention and special treatment needed

Notes for the doctor	:	Treat symptomatically.
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SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media	:	Foam. Extinguishing powder. Carbon dioxide (CO ₂).
Unsuitable extinguishing media	:	Strong water jet.

5.2. Special hazards arising from the substance or mixture

For further information, see paragraph 10: "Stability and Reactivity".

5.3. Advice for firefighters

Wear a self-contained breathing apparatus and chemical protective clothing.

5.4. Additional information

Do not inhale vapors and fumes. Co-ordinate fire-fighting measures to the fire surroundings. Move undamaged containers from immediate hazard area if it can be done safely. Use caution when applying carbon dioxide in confined spaces. Carbon dioxide can displace oxygen. Use water spray jet to protect personnel and to cool endangered containers. Collect contaminated fire extinguishing water separately. Do not allow entering drains or surface water.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Use personal protection equipment.

6.2. Environmental precautions

Ensure that waste is collected and contained.

6.3. Methods and material for containment and cleaning up

Treat the recovered material as prescribed in the section on waste disposal. Collect in closed and suitable containers for disposal.

6.4. Reference to other sections

Safe handling: see section 7. Disposal: see section 13. Personal protection equipment: see section 8.

6.5. Additional information

Not available

SECTION 7: Handling and Storage

7.1. Precautions for safe handling

Protective measures

For more information, refer to §10: "Stability and Reactivity". Use mechanical ventilation if handling creates vapors.

Advices on general occupational hygiene

Wash hands before breaks and after work. Remove contaminated, saturated clothing. Work in well ventilated zones or use proper respiratory protection.

7.2. Conditions for safe storage, including any incompatibilities

Keep container tightly closed in a cool, well-ventilated place.

Requirements for storage rooms and vessels

Keep container tightly closed.

Advice on joint storage

Keep away from food, drink and animal feedingstuffs. Keep away from incompatible substances.

7.3. Specific end uses

Not available

SECTION 8: Exposure controls / personal protection

8.1. Control parameters

Quartz: When encapsulated in a polymer, is not expected to present a health hazard under normal conditions of use.

8.2. Exposure controls

Appropriate engineering controls

Avoid inhalation of vapors and aerosol mists.

Personal protection equipment

Not available

Eye/face protection	:	Goggles. Suitable eye protection: Goggles.
Skin protection	:	Hand protection: Suitable gloves type: Disposable gloves.
		Hand protection: Suitable material: NBR (nitrile rubber). PVC (polyvinyl chloride).
		Hand protection: Unsuitable material: NR (natural rubber, natural latex).
		Hand protection: No special measures are necessary.
	:	Body protection: No special measures are necessary.
Respiratory protection	:	No special measures are required.

Environmental exposure controls

No special measures are necessary.

8.3. Additional information

Not available

SECTION 9: Physical and chemical Properties

9.1. Information on basic physical and chemical properties

Physical state:	Solid
Colour:	White
Odour:	Odorless
Odour threshold:	Not available
PH:	Not applicable
Melting point/freezing point:	No available information.
Initial boiling point and boiling range:	No available information.
Flash point:	> 200 °C
Evaporation rate:	No available information.
Flammability:	No available information.
Upper/lower flammability or explosive limits:	Not available
Vapour pressure:	< 0.1 hPA (20°C)
Vapour density:	No available information.
Relative density:	= 1.55 (20°C)
Solubility(ies):	Practically insoluble
Partition coefficient: n-octanol/water (Log KOC):	No available information.
Auto-ignition temperature:	> 400 °C
Decomposition temperature:	> 200 °C
Viscosity:	No available information.
Explosive properties:	No available information.
Oxidising properties:	No available information.

9.2. Other safety information

Not available

SECTION 10: Stability and Reactivity

10.1. Reactivity

No data available.

10.2. Chemical stability

The product is stable with storage at normal ambient temperatures.

10.3. Possibility of hazardous reactions

No hazardous reaction when handled and stored as recommended provisions. This product may generate gaseous hydrogen.

10.4. Conditions to avoid

No data available.

10.5. Incompatible materials

Releases a highly flammable gas (hydrogen) which creates the dangers of fire or explosion, in contact with: Strong oxidizing agents. Alkalis and caustic products. Chemical compounds with mobile hydrogens, in the presence of salts or metal complexes.

10.6. Hazardous decomposition products

Thermal decomposition or combustion may release oxides of carbon and other toxic gases or vapors. Amorphous silica. Amount of potentially releasable hydrogen (1 / kg of product): <2.

10.7. Additional information

Not available

SECTION 11: Toxicological information

11.1. Acute oral toxicity

Data for mixture

Conclusion : The substance is considered to be practically non toxic by oral route.

Substances

Not available

11.2. Acute skin toxicity

Data for mixture

Conclusion : The substance is considered to be non-toxic by the dermal route.

Substances

Not available

11.3. Acute inhalation toxicity

Data for mixture

Conclusion : The substance is considered to be practically non toxic by the inhalation route.

Substances

Not available

11.4. Skin corrosion

Data for mixture

Conclusion : The substance is considered to be skin irritant.

Substances

Not available

11.5. Eye damage

Data for mixture

Conclusion : The substance is considered to be an irritant.

Substances

Not available

11.6. Skin sensitisation

Data for mixture

Conclusion : No skin sensitizing potential is expected.

Substances

Not available

11.7. STOT RE

Data for mixture

Not available

Substances

Not available

11.8. STOT SE

Data for mixture

Not available

Substances

Not available

11.9. Carcinogenicity

Data for mixture

Substances

Not available

11.10. Reproductive and Developmental Toxicity

Data for mixture

Not available

Substances

Not available

11.11. genotoxicity

Data for mixture

Substances

Not available

Additional information

No available information.

Substances

Not available

Data for mixture

No available information.

SECTION 12: Ecological information

12.1. Toxicity

Based on available data, the classification criteria are not met.

12.2. Persistence and degradability

The product has not been tested.

12.3. Bioaccumulative potential

The product has not been tested.

12.4. Mobility in soil

The product has not been tested.

12.5. Results of PBT and vPvB assessment

No data available.

12.6. Other adverse effects

No data available.

12.7. Additional ecotoxicological information

Not available

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Product/Packaging disposal

Waste codes / waste designations according to EWC / AVV: The distribution of waste identification / waste descriptions should be carried out in accordance with ECE recommendations, in a manner specific to the industry and the procedures in question.

Properties of waste which render it hazardous: Not applicable.

Waste treatment options: Appropriate disposal / Product: Dispose of waste according to applicable legislation.

Waste treatment options: Appropriate disposal / Package: Non-contaminated packages must be recycled or disposed of. Packing which cannot be properly cleaned must be disposed of. Dispose of waste according to applicable legislation.

13.2. Additional information

Not available

SECTION 14: Transport information

14.1. UN number

The product is not hazardous according to the applicable transport regulations (ADR / RID / ADN / IMDG / ICAO / ITA).

14.2. UN proper shipping name

Not available

14.3. Transport hazard class(es)

Not available

14.4. Packing group

Not available

14.5. Environmental hazards

Not available

14.6. Special precautions for user

Not available

14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not available

14.8. Additional information

Not available

SECTION 15: Regulatory information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

Not available

15.2. Chemical Safety Assessment

For this product a chemical safety assessment is not required. No data available.

15.3. Additional information

Not available

SECTION 16: Other information

Creation date: 13/03/2017

Version date: 13/03/2017

Printing date: 22/05/2017

16.1. Indication of changes

Not available

16.2. Abbreviations and acronyms

Not available

16.3. Key literature references and sources for data

Not available

16.4. Classification for mixtures and used evaluation method according to regulation (EC) 1272/2008 [CLP]

Not available

16.5. Relevant R-, H- and EUH-phrases (Number and full text)

Not available

16.6. Training advice

Not available

16.7. Additional information

Not available

The information given in this Safety Data Sheet is based on our present knowledge and on european and national regulations. This Safety Data Sheet describes safety requirements relative to identified uses, it doesn't guarantee all the product properties particularly in the case of non identified uses. The product mustn't be used for any uses other than those identified under heading 1. Since the user's working conditions are not known by us, it is the responsibility of the user to take all necessary measures to comply with legal requirements for specific uses and avoid negative health effects.