

Safety Data Sheet

According to Annex II to REACH - Regulation (EU) 2020/878 and to Annex II to UK REACH

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

1.1. Product identifier

Code: **P0X1603**
Product name: **HYDROSTAR**
UFI: **US00-G0RK-600Y-M8YT**

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

Intended use: **Single-component elastic waterproofing sheath**

1.3. Details of the supplier of the safety data sheet

Name: **Licata S.p.A.**
Full address: **Via De Gasperi,155**
District and Country: **92024 Canicatti (AG) Italia**
Tel.: **+39 0922 856088**
Fax: **+39 0922 831427**
e-mail address of the competent person responsible for the Safety Data Sheet: **controllo-qualita@licataspa.it**

1.4. Emergency telephone number

For urgent inquiries refer to:
NHS111in England: 111
NHS24in Scotland: 111
NHS Direct in Wales: 111 or 0845 4647
In an emergency, if the patient has collapsed or is not breathing properly, call 999

SECTION 2. Hazards identification

2.1. Classification of the substance or mixture

The product is classified as hazardous pursuant to the provisions set forth in (EC) Regulation 1272/2008 (CLP) (and subsequent amendments and supplements). The product thus requires a safety datasheet that complies with the provisions of (EU) Regulation 2020/878.

Any additional information concerning the risks for health and/or the environment are given in sections 11 and 12 of this sheet.

Hazard classification and indication:

Serious eye damage, category 1
Skin sensitization, category 1

H318
H317

Causes serious eye damage.
May cause an allergic skin reaction.

2.2. Label elements

Hazard labelling pursuant to EC Regulation 1272/2008 (CLP) and subsequent amendments and supplements.

Hazard pictograms:



Signal words: **Danger**

Hazard statements:

H318 Causes serious eye damage.
H317 May cause an allergic skin reaction.

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SECTION 2. Hazards identification ... / >>				
Precautionary statements:				
P305+P351+P338		IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.		
P280		Wear protective gloves / eye protection / face protection.		
P310		Immediately call a POISON CENTER / doctor / . . .		
P261		Avoid breathing dust / fume / gas / mist / vapours / spray.		
P362+P364		Take off contaminated clothing and wash it before reuse.		
Contains:		Portland cement clinker flue dust		
2.3. Other hazards				
On the basis of available data, the product does not contain any PBT or vPvB in percentage ≥ than 0,1%.				
The product does not contain substances with endocrine disrupting properties in concentration ≥ 0.1%.				
SECTION 3. Composition/information on ingredients				
3.2. Mixtures				
Contains:				
Identification		x = Conc. %	Classification (EC) 1272/2008 (CLP)	
Portland cement clinker				
INDEX		7 ≤ x < 8	Eye Dam. 1 H318, Skin Irrit. 2 H315, STOT SE 3 H335, Skin Sens. 1 H317	
EC				
CAS				
QUARTZ				
INDEX		0,6 ≤ x < 0,7	STOT RE 1 H372	
EC				
CAS				
flue dust				
INDEX		0,354 ≤ x < 0,404	Eye Dam. 1 H318, Skin Irrit. 2 H315, STOT SE 3 H335, Skin Sens. 1 H317	
EC				
CAS				
REACH Reg.		01-2119486767-17-0xxx		
The full wording of hazard (H) phrases is given in section 16 of the sheet.				
SECTION 4. First aid measures				
4.1. Description of first aid measures				
In case of doubt or in the presence of symptoms contact a doctor and show him this document.				
In case of more severe symptoms, ask for immediate medical aid.				
EYES: Remove, if present, contact lenses if the situation allows you to do so easily. Wash immediately with plenty of water for at least 15 minutes, opening the eyelids fully. Get medical advice/attention.				
SKIN: Take off immediately all contaminated clothing. Wash immediately and thoroughly with running water (and soap if possible). Get medical advice/attention. Avoid further contact with contaminated clothing.				
INGESTION: Do not induce vomiting unless explicitly authorised by a doctor. Do not give anything by mouth to an unconscious person. Get medical advice/attention.				
INHALATION: Remove victim to fresh air, away from the accident scene. Get medical advice/attention.				
Rescuer protection				
It is good practice for rescuers lending support to a person who has been exposed to a chemical substance or to a mixture to wear personal protective equipment. The nature of such protection depends on the hazard level of the substance or mixture, on the type of exposure and on the extent of the contamination. In the absence of other more specific indications, use of disposable gloves in the event of possible contact with body fluids is recommended. For the type of PPE suitable for the characteristics of the substance or mixture, see section 8.				
4.2. Most important symptoms and effects, both acute and delayed				
Specific information on symptoms and effects caused by the product are unknown.				
		EPY 11.7.1 - SDS 1004.14		

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<div>SECTION 4. First aid measures ... / >></div>	
<div> <div>DELAYED EFFECTS: Based on the information currently available, there are no known cases of delayed effects following exposure to this product.</div> </div>	
<div>4.3. Indication of any immediate medical attention and special treatment needed</div>	
<div>Immediately call a POISON CENTER / doctor / . . .</div>	
<div>Means to have available in the workplace for specific and immediate treatment</div>	
<div>Running water for skin and eye wash.</div>	
<div>SECTION 5. Firefighting measures</div>	
<div>5.1. Extinguishing media</div>	
<div> <div>SUITABLE EXTINGUISHING EQUIPMENT</div> <div>The extinguishing equipment should be of the conventional kind: carbon dioxide, foam, powder and water spray.</div> <div>UNSUITABLE EXTINGUISHING EQUIPMENT</div> <div>None in particular.</div> </div>	
<div>5.2. Special hazards arising from the substance or mixture</div>	
<div> <div>HAZARDS CAUSED BY EXPOSURE IN THE EVENT OF FIRE</div> <div>Do not breathe combustion products. The product is combustible and, when the powder is released into the air in sufficient concentrations and in the presence of a source of ignition, it can create explosive mixtures with air. Fires may start or get worse by leakage of the solid product from the container, when it reaches high temperatures or through contact with sources of ignition.</div> </div>	
<div>5.3. Advice for firefighters</div>	
<div> <div>GENERAL INFORMATION</div> <div>Use jets of water to cool the containers to prevent product decomposition and the development of substances potentially hazardous for health. Always wear full fire prevention gear. Collect extinguishing water to prevent it from draining into the sewer system. Dispose of contaminated water used for extinction and the remains of the fire according to applicable regulations.</div> <div>SPECIAL PROTECTIVE EQUIPMENT FOR FIRE-FIGHTERS</div> <div>Normal fire fighting clothing i.e. fire kit (BS EN 469), gloves (BS EN 659) and boots (HO specification A29 and A30) in combination with self-contained open circuit positive pressure compressed air breathing apparatus (BS EN 137).</div> </div>	
<div>SECTION 6. Accidental release measures</div>	
<div>6.1. Personal precautions, protective equipment and emergency procedures</div>	
<div> <div>If there are no contraindications, spray powder with water to prevent the formation of dust.</div> <div>Wear suitable protective equipment (including personal protective equipment referred to under Section 8 of the safety data sheet) to prevent any contamination of skin, eyes and personal clothing. These indications apply for both processing staff and those involved in emergency procedures.</div> </div>	
<div>6.2. Environmental precautions</div>	
<div>The product must not penetrate into the sewer system or come into contact with surface water or ground water.</div>	
<div>6.3. Methods and material for containment and cleaning up</div>	
<div> <div>Collect the leaked product and place it in containers for recovery or disposal. If there are no contraindications, use jets of water to eliminate product residues.</div> <div>Make sure the leakage site is well aired. Evaluate the compatibility of the container to be used, by checking section 10. Contaminated material should be disposed of in compliance with the provisions set forth in point 13.</div> </div>	
<div>6.4. Reference to other sections</div>	
<div>Any information on personal protection and disposal is given in sections 8 and 13.</div>	
<div>SECTION 7. Handling and storage</div>	
<div>7.1. Precautions for safe handling</div>	
<div>Before handling the product, consult all the other sections of this material safety data sheet. Avoid leakage of the product into the environment. Do not eat, drink or smoke during use. Remove any contaminated clothes and personal protective equipment before entering places in which people eat.</div>	

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SECTION 8. Exposure controls/personal protection ... / >>				
body with soap and water after removing protective clothing.				
EYE PROTECTION				
Wear airtight protective goggles (see standard EN ISO 16321).				
RESPIRATORY PROTECTION				
Use a type P filtering facemask, whose class (1, 2 or 3) and effective need, must be defined according to the outcome of risk assessment (see standard EN 149).				
ENVIRONMENTAL EXPOSURE CONTROLS				
The emissions generated by manufacturing processes, including those generated by ventilation equipment, should be checked to ensure compliance with environmental standards.				
SECTION 9. Physical and chemical properties				
9.1. Information on basic physical and chemical properties				
Properties	Value	Information		
Appearance	powder			
Colour	grey			
Odour	characteristic			
Melting point / freezing point	not available			
Initial boiling point	not available			
Flammability	not available			
Lower explosive limit	not available			
Upper explosive limit	not available			
Flash point	not available			
Auto-ignition temperature	not available			
Decomposition temperature	not available			
pH	10			
Kinematic viscosity	not available			
Solubility	not available			
Partition coefficient: n-octanol/water	not available			
Vapour pressure	not available			
Density and/or relative density	not available			
Relative vapour density	not available			
Particle characteristics	not available			
9.2. Other information				
9.2.1. Information with regard to physical hazard classes				
Flammable liquids				
Sustained combustibility	does not sustain combustion			
9.2.2. Other safety characteristics				
Information not available				
SECTION 10. Stability and reactivity				
10.1. Reactivity				
There are no particular risks of reaction with other substances in normal conditions of use.				
10.2. Chemical stability				
The product is stable in normal conditions of use and storage.				
QUARTZ				
Stable in normal conditions of use and storage.				
10.3. Possibility of hazardous reactions				
The powders are potentially explosive when mixed with air.				
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SECTION 10. Stability and reactivity ... / >>			
10.4. Conditions to avoid			
Avoid environmental dust build-up.			
QUARTZ Decomposes if exposed to: sources of heat.			
10.5. Incompatible materials			
QUARTZ Incompatible with: Oxidants.			
10.6. Hazardous decomposition products			
Information not available			
SECTION 11. Toxicological information			
In the absence of experimental data for the product itself, health hazards are evaluated according to the properties of the substances it contains, using the criteria specified in the applicable regulation for classification. It is therefore necessary to take into account the concentration of the individual hazardous substances indicated in section 3, to evaluate the toxicological effects of exposure to the product.			
11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008			
<u>Metabolism, toxicokinetics, mechanism of action and other information</u>			
Information not available			
<u>Information on likely routes of exposure</u>			
Information not available			
<u>Delayed and immediate effects as well as chronic effects from short and long-term exposure</u>			
Information not available			
<u>Interactive effects</u>			
Information not available			
<u>ACUTE TOXICITY</u>			
ATE (Inhalation) of the mixture:		Not classified (no significant component)	
ATE (Oral) of the mixture:		Not classified (no significant component)	
ATE (Dermal) of the mixture:		Not classified (no significant component)	
<u>SKIN CORROSION / IRRITATION</u>			
Does not meet the classification criteria for this hazard class			
<u>SERIOUS EYE DAMAGE / IRRITATION</u>			
Causes serious eye damage			
<u>RESPIRATORY OR SKIN SENSITISATION</u>			
Sensitising for the skin			
<u>GERM CELL MUTAGENICITY</u>			
Does not meet the classification criteria for this hazard class			
<u>CARCINOGENICITY</u>			
Does not meet the classification criteria for this hazard class			
<u>REPRODUCTIVE TOXICITY</u>			
Does not meet the classification criteria for this hazard class			
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SECTION 11. Toxicological information ... / >>			
<div>STOT - SINGLE EXPOSURE</div> <div>Does not meet the classification criteria for this hazard class</div> <div>STOT - REPEATED EXPOSURE</div> <div>Does not meet the classification criteria for this hazard class</div> <div>ASPIRATION HAZARD</div> <div>Does not meet the classification criteria for this hazard class</div> <div>11.2. Information on other hazards</div> <div>Based on the available data, the product does not contain substances listed in the main European lists of potential or suspected endocrine disruptors with human health effects under evaluation.</div>			
SECTION 12. Ecological information			
<div>Use this product according to good working practices. Avoid littering. Inform the competent authorities, should the product reach waterways or contaminate soil or vegetation.</div> <div>12.1. Toxicity</div> <div>Information not available</div> <div>12.2. Persistence and degradability</div> <div>Information not available</div> <div>12.3. Bioaccumulative potential</div> <div>Information not available</div> <div>12.4. Mobility in soil</div> <div>Information not available</div> <div>12.5. Results of PBT and vPvB assessment</div> <div>On the basis of available data, the product does not contain any PBT or vPvB in percentage \geq than 0,1%.</div> <div>12.6. Endocrine disrupting properties</div> <div>Based on the available data, the product does not contain substances listed in the main European lists of potential or suspected endocrine disruptors with environmental effects under evaluation.</div> <div>12.7. Other adverse effects</div> <div>Information not available</div>			
SECTION 13. Disposal considerations			
<div>13.1. Waste treatment methods</div> <div>Reuse, when possible. Product residues should be considered special hazardous waste. The hazard level of waste containing this product should be evaluated according to applicable regulations.</div> <div>Disposal must be performed through an authorised waste management firm, in compliance with national and local regulations.</div> <div>CONTAMINATED PACKAGING</div> <div>Contaminated packaging must be recovered or disposed of in compliance with national waste management regulations.</div>			
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SECTION 14. Transport information			
The product is not dangerous under current provisions of the Code of International Carriage of Dangerous Goods by Road (ADR) and by Rail (RID), of the International Maritime Dangerous Goods Code (IMDG), and of the International Air Transport Association (IATA) regulations.			
14.1. UN number or ID number			
not applicable			
14.2. UN proper shipping name			
not applicable			
14.3. Transport hazard class(es)			
not applicable			
14.4. Packing group			
not applicable			
14.5. Environmental hazards			
not applicable			
14.6. Special precautions for user			
not applicable			
14.7. Maritime transport in bulk according to IMO instruments			
Information not relevant			
SECTION 15. Regulatory information			
15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture			
Seveso Category - Directive 2012/18/EU: <div>None</div>			
Restrictions relating to the product or contained substances pursuant to Annex XVII to EC Regulation 1907/2006 <div>None</div>			
Regulation (EU) 2019/1148 - on the marketing and use of explosives precursors <div>not applicable</div>			
Substances in Candidate List (Art. 59 REACH) <div>On the basis of available data, the product does not contain any SVHC in percentage ≥ than 0,1%.</div>			
Substances subject to authorisation (Annex XIV REACH) <div>None</div>			
Substances subject to exportation reporting pursuant to Regulation (EU) 649/2012: <div>None</div>			
Substances subject to the Rotterdam Convention: <div>None</div>			
Substances subject to the Stockholm Convention: <div>None</div>			
Healthcare controls <div></div>			
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SECTION 15. Regulatory information ... / >>

Workers exposed to this chemical agent must not undergo health checks, provided that available risk-assessment data prove that the risks related to the workers' health and safety are modest and that the 98/24/EC directive is respected.

15.2. Chemical safety assessment

A chemical safety assessment has not been performed for the preparation/for the substances indicated in section 3.

SECTION 16. Other information

Text of hazard (H) indications mentioned in section 2-3 of the sheet:

STOT RE 1	Specific target organ toxicity - repeated exposure, category 1
Eye Dam. 1	Serious eye damage, category 1
Skin Irrit. 2	Skin irritation, category 2
STOT SE 3	Specific target organ toxicity - single exposure, category 3
Skin Sens. 1	Skin sensitization, category 1
H372	Causes damage to organs through prolonged or repeated exposure.
H318	Causes serious eye damage.
H315	Causes skin irritation.
H335	May cause respiratory irritation.
H317	May cause an allergic skin reaction.

LEGEND:

- ADR: European Agreement concerning the carriage of Dangerous goods by Road
- ATE: Acute Toxicity Estimate
- CAS: Chemical Abstract Service Number
- CE50: Effective concentration (required to induce a 50% effect)
- CE: Identifier in ESIS (European archive of existing substances)
- CLP: Regulation (EC) 1272/2008
- DNEL: Derived No Effect Level
- EmS: Emergency Schedule
- GHS: Globally Harmonized System of classification and labeling of chemicals
- IATA DGR: International Air Transport Association Dangerous Goods Regulation
- IC50: Immobilization Concentration 50%
- IMDG: International Maritime Code for dangerous goods
- IMO: International Maritime Organization
- INDEX: Identifier in Annex VI of CLP
- LC50: Lethal Concentration 50%
- LD50: Lethal dose 50%
- OEL: Occupational Exposure Level
- PBT: Persistent, bioaccumulative and toxic
- PEC: Predicted environmental Concentration
- PEL: Predicted exposure level
- PMT: Persistent, mobile and toxic
- PNEC: Predicted no effect concentration
- REACH: Regulation (EC) 1907/2006
- RID: Regulation concerning the international transport of dangerous goods by train
- TLV: Threshold Limit Value
- TLV CEILING: Concentration that should not be exceeded during any time of occupational exposure.
- TWA: Time-weighted average exposure limit
- TWA STEL: Short-term exposure limit
- VOC: Volatile organic Compounds
- vPvB: Very persistent and very bioaccumulative
- vPvM: Very persistent and very mobile
- WGK: Water hazard classes (German).

GENERAL BIBLIOGRAPHY

1. Regulation (EC) 1907/2006 (REACH) of the European Parliament
2. Regulation (EC) 1272/2008 (CLP) of the European Parliament
3. Regulation (EU) 2020/878 (II Annex of REACH Regulation)
4. Regulation (EC) 790/2009 (I Atp. CLP) of the European Parliament
5. Regulation (EU) 286/2011 (II Atp. CLP) of the European Parliament
6. Regulation (EU) 618/2012 (III Atp. CLP) of the European Parliament
7. Regulation (EU) 487/2013 (IV Atp. CLP) of the European Parliament
8. Regulation (EU) 944/2013 (V Atp. CLP) of the European Parliament
9. Regulation (EU) 605/2014 (VI Atp. CLP) of the European Parliament
10. Regulation (EU) 2015/1221 (VII Atp. CLP) of the European Parliament
11. Regulation (EU) 2016/918 (VIII Atp. CLP) of the European Parliament

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SECTION 16. Other information ... / >>

12. Regulation (EU) 2016/1179 (IX Atp. CLP)
13. Regulation (EU) 2017/776 (X Atp. CLP)
14. Regulation (EU) 2018/669 (XI Atp. CLP)
15. Regulation (EU) 2019/521 (XII Atp. CLP)
16. Delegated Regulation (UE) 2018/1480 (XIII Atp. CLP)
17. Regulation (EU) 2019/1148
18. Delegated Regulation (UE) 2020/217 (XIV Atp. CLP)
19. Delegated Regulation (UE) 2020/1182 (XV Atp. CLP)
20. Delegated Regulation (UE) 2021/643 (XVI Atp. CLP)
21. Delegated Regulation (UE) 2021/849 (XVII Atp. CLP)
22. Delegated Regulation (UE) 2022/692 (XVIII Atp. CLP)
23. Delegated Regulation (UE) 2023/707
24. Delegated Regulation (UE) 2023/1434 (XIX Atp. CLP)
24. Delegated Regulation (UE) 2023/1435 (XX Atp. CLP)

- The Merck Index. - 10th Edition
- Handling Chemical Safety
- INRS - Fiche Toxicologique (toxicological sheet)
- Patty - Industrial Hygiene and Toxicology
- N.I. Sax - Dangerous properties of Industrial Materials-7, 1989 Edition
- IFA GESTIS website
- ECHA website
- Database of SDS models for chemicals - Ministry of Health and ISS (Istituto Superiore di Sanità) - Italy

Note for users:

The information contained in the present sheet are based on our own knowledge on the date of the last version. Users must verify the suitability and thoroughness of provided information according to each specific use of the product.

This document must not be regarded as a guarantee on any specific product property.

The use of this product is not subject to our direct control; therefore, users must, under their own responsibility, comply with the current health and safety laws and regulations. The producer is relieved from any liability arising from improper uses.

Provide appointed staff with adequate training on how to use chemical products.

CALCULATION METHODS FOR CLASSIFICATION

Chemical and physical hazards: Product classification derives from criteria established by the CLP Regulation, Annex I, Part 2. The data for evaluation of chemical-physical properties are reported in section 9.

Health hazards: Product classification is based on calculation methods as per Annex I of CLP, Part 3, unless determined otherwise in Section 11.

Environmental hazards: Product classification is based on calculation methods as per Annex I of CLP, Part 4, unless determined otherwise in Section 12.

Changes to previous review:

The following sections were modified:

01.