

EU-SAFETY DATA SHEET

in accordance with Regulation (EC) no. 1272/2008

HIDROSTOP PENETRAT

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

1.1 Product identifier

Trade name: HIDROSTOP PENETRAT

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

Recommended Use: Waterproof penetrant

1.3 Details of the supplier of the safety data sheet:KEMA d.o.o.,
Puconci 393, 9201 Puconci, Slovenija
T: +386 (0)2 545 95 00, F: +386 (0)2 545 95 10
Technical consulting: +386 (0)2 545 95 28, +386 (0)2 545 95 73
I: www.kema-on.net | E: info@kema.siE-mail address of person responsible
for Safety Data Sheets: komplast@kema.si**1.4 Emergency telephone number:** +386 (0)2 545 95 34
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CHAPTER 2: Hazard identification

2.1 Classification of the substance or mixtureClassification in accordance with
Regulation (EC) no. 1272/2008:

Risk of: Xi Irritant

Risk phrases (Warning phrases): R36/37/38 Irritating to eyes, respiratory system and skin.
R43 May cause sensitisation by skin contact.**2.2 Label elements****Classification in accordance with Council Regulation (EC) no. 1907/2006**

Indication of danger :

Xi IRRITATING

Signal word: R36/37/38 Irritating to eyes, respiratory system and skin.
R43 May cause sensitisation by skin contact.Hazard statements: S2 Keep out of the reach of children.
S26 In case of contact with eyes, rinse immediately with plenty
of water and seek medical advice.
S36/37 Wear suitable protective clothing and gloves.

Precautionary statements: Portland cement

CHAPTER 3: Composition/information on ingredients

Chemical characterization: Mixture.**Description:****Dangerous components:****Component 1**Portland cement 25-50%
CAS number: 65997-15-1
ES-Number: 266-043-4
Dangers: Xi / R36/37/38 - 43**Component 2**Quartz (SiO₂) 50-70 %
CAS number: 14808-60-7
ES-Number: 238-878-4

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Classification according to EC Directive 1272/2008
(CLP): Skin Irrit. 2; H315 / Skin Sens. 1; H317 / STOT
SE 3; H335 / Eye Irrit. 2; H319

Additional information:

The full text for all R-, H- phrases are describe in chapter 16.

CHAPTER 4: First aid measures

4.1 Description of first aid measures

General information:

After inhalation:

Move to fresh air and seek medical service.

After skin contact:

Immediately wash the skin with soap and water. Get medical attention if irritation persists after washing.

After eye contact:

Immediately flush eyes with plenty of flowing water for 10 to 15 minutes holding eyelids apart. Subsequently consult a doctor.

After swallowing:

Do not induce vomiting. Immediately rinse mouth and get medical attention immediately and present declaration of the product.

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

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

CHAPTER 5: Firefighting measures

5.1 Extinguishing media

Suitable extinguishing media:

This product is not combustible. Use fire extinguishing methods suitable to surrounding conditions.

For safety reasons unsuitable extinguishing agents:

/

5.2 Special hazards arising from the substance or mixture:

/

5.3 Advice for firefighters

Special protective equipment for firefighters:

/

Additional information:

/

CHAPTER 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures:

Try to avoid dust and contact to skin (protective clothing and gloves), eyes (safety goggles) and respiratory organs (anty – dust mask). Ensure adequate ventilation.

6.2 Environment protections:

Do not allow uncontrolled contact with water. Avoid uncontrolled disposal, after contact with water, into canalization.

6.3 Methods and materials for containment and cleaning up:

Mechanical, dry cleaning up.

Additional information:

/

6.4 Reference to other sections:

See section 8 for information on personal protection equipment.

CHAPTER 7: Handling and storage

7.1 Precautions for safe handling

Tips for safe handling:

Avoid contact with the eyes and skin. Prevent formation of dust. Ensure good ventilation/exhaustion at the workplace

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Precaution in case of fire and explosion: /

7.2 Conditions for safe storage, including any incompatibilities

Requirements to be met by storerooms and receptacles: Store only in the original packaging.

Information about storage in one common storage facility: Keep away from foodstuffs, beverages and food.

Storage class: 13

7.3 Specific end use(s): Informations are not available.

CHAPTER 8: Exposure controls/personal protection

8.1 Control parameters

8.1.1 Ingredients with limit values that require monitoring at the workplace

Substance or mixture	Limit values
65997-15-1 Portland cement	5 mg/m ³ - inhalable -TRGS 900
14808-60-7 Quartz (SiO ₂)	0,15 mg/m ³ - respirable

8.2 Exposure control

Additional information about design of technical facilities: Ensure good ventilation.

Individual protection measures, for example personal protective equipment:

General protection and hygiene level: Avoid contact with the eyes and skin. Wash hands before breaks and at the end of work.

Eye and face protection: Wear safety goggles with side protection if dust develops (EN 166) .

Protection for skin: Protective work clothing.

Protection of hands: Protective gloves (EN374).

Respiration protection: Wear dust mask FFP2 if dust forms (EN 143).

Other: /

Limitation and Control of environmental exposure: /

CHAPTER 9: Physical and chemical attributes

9.1 Information on basic physical and chemical properties

Form/State:	Powder
Colour:	Gray
Odour:	Odourless
Odour limits:	/
pH-value (20°C):	11 – 13,5 at 20°C (fully diluted)
Melting point:	/
Boiling point:	/
Flash point:	/
Rang evaporation:	/
Flammability (solids / gas):	/
Upper / lower flammability or explosive limits	
Lower:	/
Upper:	/
Vapor pressure at 50°C:	/

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Vapor density:	/
Pour weight:	1,26 kg/dm ³
Solubility in / Miscibility with water:	Mixable
Partition coefficient: n-Octanol/Water:	/
Self-inflammability:	/
Decomposition temperature:	/
Viscosity (dynamic) at 25°C:	/
Explosive properties:	/
Oxidising properties:	/
Dry substance:	/

9.2 Other information: Product is not explosive.

CHAPTER 10: Stability and reactivity

10.1 Reactivity:	/
10.2 Chemical stability:	/
10.3 Possibility of hazardous reactions:	/
10.4 Conditions to avoid:	Prevent uncontrolled access of water and moisture.
10.5 Incompatible materials:	/
10.6 Hazardous decomposition products:	/

CHAPTER 11: Toxicological information

11.1 Information on toxicological effects:

Acute toxicity

Inhalation toxicity:	/
Oral toxicity:	/
Dermal toxicity:	/
Skin corrosion/irritation:	Irritant to skin and mucous membranes.
Serious eye damage/irritation:	Serious eye irritation.
Skin sensitization:	May cause sensitisation by skin contact.
Respiratory sensitisation:	Dusts could cause irritation to the upper respiratory system.
Specific target organ toxicity(STOT) - single exposure:	/
Specific target organ toxicity (STOT) - repeated exposure:	/
CMR assessments:	/
Carcinogenicity:	/
Mutagenicity:	/
Reproductive toxicity:	/
Other Information:	May cause sensitisation by skin conta

CHAPTER 12: Ecological information

12.1 Toxicity:	/
Aquatic toxicity:	/
General Information:	/
12.2 Persistence and degradability:	/

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General Information: /
 Oxygen demand: /
12.3 Bioaccumulative potential: /
 Bioaccumulation factor (BCF): /
12.4 Mobility in soil: /
12.5 Result of PBT and vPvB assessment: /
12.6 Other adverse effects: /

General Information: Do not allow undiluted product or large quantities of it to reach ground water, water bodies or sewage system. Alkaline reaktion with water.

CHAPTER 13: Disposal considerations

13.1 Waste treatment methods

Product: Do not disposed together with household garbage. Disposal must be made according to official regulations.

Recommendations: EU waste no.:
 10 13 11 wastes from cement-based composite materials other than those mentioned in 10 13 09 and 10 13 10
 10 13 14 waste concrete and concrete sludge
 17 01 07 mixtures of concrete, bricks, tiles and ceramics other than those mentioned in 17 01 06

Packaging:

Recommendations: Empty contaminated packagings thoroughly. They can be recycled after thorough and proper cleaning.
 EU waste no.:
 15 01 01 paper and cardboard packaging

CHAPTER 14: Transport information

	ADR/RID	ADN/ADNR	IMDG	IATA
14.1 UN Number	/	/	/	/
14.2 UN proper shipping name				
14.3 Class				
14.4 Packing group				
14.5 Environmental hazards				
14.6 Special precautions for users				
14.7 Further regulations, limitations and legal requirements				

14.8 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC code: /

CHAPTER 15: Regulatory information

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

Storage class:	13
Volatile organic compounds ,VOC (g/l):	/
Water hazard class (WHC):	1 - slightly hazardous for water.
Further regulations, limitations and Legal Affairs:	
Chemical Safety Assessment:	A Chemical Safety Assessment has not been carried out.
National regulations:	<ul style="list-style-type: none">- Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006- Chemicals Act (official gazette, number 110/2003, 47/2004, 16/2008)- Rules on the classification, packaging and labelling of dangerous substances (official gazette, number 35/2005, 54/2007)- Rules on the classification, packaging and labelling of dangerous preparations (official gazette, number 67/2005, 137/2006)- Decree on waste management (official gazette, number 34/2008)- Decree on the management of packaging and packaging waste (official gazette, number 84/2006, 106/2006, 110/2007)- Decision on the publishing of the Annexes A and B to the European Agreement concerning the International Carriage of Dangerous Goods by Road (official gazette, number 9/2007)- Rules on the protection of workers from risks related to exposure to chemical substances at work (official gazette, number 100/2001, 39/2005, 53/2007)

CHAPTER 16: Other Information

Hazard statements:	R 36/37/38 – Irritating to eyes, respiratory system and skin. R43 May cause sensitization by skin contact.
Regulation (CLP/GHS):	H315 Causes skin irritation H317 May cause an allergic skin reaction H319 Causes serious eye irritation H335 May cause respiratory irritation
Reason for change:	General revision.
Other information:	<p>The above information is based on our knowledge and experience and refer to the product in the state in what is delivered. The purpose of the information is to describe our product in relation to the safety requirements. Entries do not represent assurance the properties of the product in legal terms. Responsibility of the customer's is to know and take into account the legal provisions in relation to transport and use of the product. The characteristics of the product described in the technical information.</p>