

SEMPEREMA PASTE KII

Revision No.:3/
Revision Date:20-11-15
Print Date:20-11-15**1. Identification of the substance/mixture and of the company/undertaking****1.1. Product identifier**

Product	SEMPEREMA PASTE KII
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1.2. Relevant identified uses of the substance or mixture and uses advised against

Use, scope:	Glue based on polyamine. The product is intended for professional or industrial application.
Use:	spatula - trowel
Restrictions on use	No restrictions known.

1.3. Details of the supplier of the safety data sheet

Producer	Dolezal 1935 GmbH Stadlauer Straße 39/4a, 1220 Wien Telefon:++43 1 280 47 31 Telefax:++43 1 280 47 31 15
	Susanne Erlmoser (office.dolezal@gmail.com)

1.4. Emergency telephone number

Phone	In case of health risks, consult a private doctor or doctor on duty or in the case of life threatening phone call phone number 112 or. +43-1-280-47-31
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2. Hazards identification**2.1. Classification of the substance or mixture**

Classification (EU 1272/2008)

Categories of danger	Skin Corrosion/Irritation 1A Skin Sensitisation 1 Reproductive Toxicity 2 Hazardous to the aquatic environment - Chronic 2 Acute Toxicity - Oral 4
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2.2. Label elements

EU 1272/2008:



Signal Word	Danger
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Contains:	benzyl alcohol; Benzyl dimethylamin; m-phenylenebis(methylamine); 3-
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	aminomethyl-3,5,5-trimethylcyclohexylamine
Hazard phrases (H-phrases)	H302 - Harmful if swallowed. H314 - Causes severe skin burns and eye damage. H317 - May cause an allergic skin reaction. H361fd - Suspected of damaging fertility. Suspected of damaging the unborn child. H411 - Toxic to aquatic life with long lasting effects.
Precautionary statements:	P201 - Obtain special instructions before use. P260 - Do not breathe dust/fume/gas/mist/vapours/spray. P264 - Wash ... thoroughly after handling. P273 - Avoid release to the environment. P281 - Use personal protective equipment as required. P301+P330+P331 - IF SWALLOWED: rinse mouth. Do NOT induce vomiting.

2.3. Other hazards

	Product contains organic solvents.
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3. Composition/information on ingredients

3.2. Mixtures

Chemical composition:	Glue based on polyamine.		
Chemical Name	Concentration [weight %]	CAS EINECS EU INDEX REACH reg.no.	Classification (REGULATION (EC) No. 1272/2008)
benzyl alcohol	30-49,99	100-51-6 202-859-9 603-057-00-5	Acute Tox. 4; H332 Acute Tox. 4; H302
m-phenylenebis(methylamine)	10-19,99	1477-55-0 216-032-5 -	Aquatic Chronic 3; H412 Skin Sens. 1; H317 Skin Corr. 1A; H314 Acute Tox. 4; H332 Acute Tox. 4; H302
3-aminomethyl-3,5,5-trimethylcyclohexylamine	10-19,99	2855-13-2 220-666-8 612-067-00-9	Aquatic Chronic 3; H412 Skin Sens. 1; H317 Skin Corr. 1B; H314 Acute Tox. 4; H312 Acute Tox. 4; H302
Benzyl dimethylamin	5,0-9,99	103-83-3 203-149-1 612-074-00-7	Aquatic Chronic 3; H412 Skin Corr. 1B; H314 Acute Tox. 4; H302 Flam. Liq. 3; H226
nonylphenol	3,0-4,99	25154-52-3 284-325-5 246-672-0 601-053-00-8 01-2119510715-45	Aquatic Chronic 1; H410 Aquatic. Acute 1; H400 Repr. 2; H361 FD Skin Corr. 1B; H314 Acute Tox. 4; H302

Notes:

The classification for the product was made on basis of actual content of components. The contained substances are shown in intervals. In case of inspection check (control of classification) we are ready to send to inspection bodies on their request the actual content of individual components.

4. First aid measures

4.1. Description of first aid measures

In case of excessive inhalation:	Take victim to clean air, put it in position to rest. In the case of respiratory problems provide artificial respiration. If dizziness, headache and nausea appear, take victim to the hospital - in the lateral position and maintain clear airway pathways.
In case of contact with skin:	Remove contaminated clothing. Wash skin with soap and water. Do not use organic solvents or thinners.
In case of contact with eyes:	DO NOT DELAY, ACT QUICKLY! With clean fingers space the eyelids and direct water in the eyes (with moderate and lukewarm water jet) and rotate the eyes so that water reaches all parts of the eye. In case of eye or tearing seek medical help.
In case of ingestion:	Do not administer to eat. Rinse mouth with water. Do not induce vomiting. Prevent aspiration of product into the lungs. Get medical attention.

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

In case of excessive inhalation:	Inflammation of the upper respiratory tract, resulting in coughing, sneezing, runny nose, headache, hoarseness and pain in the nose and throat.
In case of contact with skin:	Skin sensitivity, manifested by redness, itching, swelling. Inflammation of the skin, which can be seen as local redness, swelling, pain, itching and malaise. Stinging, redness, swelling, pain, tearing and distorted view, permanent damages are possible.
In case of contact with eyes:	Stinging, redness, swelling, pain, tearing and distorted view, possible are permanent damages.
In case of ingestion:	Signs and symptoms include abdominal pain, nausea, diarrhea and vomiting.

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

	No data available
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5. Firefighting measures

5.1. Extinguishing media

Fire Extinguishing Media:	Due to non-flammable properties of the product does not require special treatment. The product is not flammable. Close vessels with the product.
Unsuitable extinguishing media:	Open water jet

5.2. Special hazards arising from the substance or mixture

Specific methods of extinguishing fire:	Not necessary.
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5.3. Advice for firefighters

Special equipment to protect firefighters:	There are no special features.
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6. Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions:	Remove possible sources of ignition (flame, lit cigarette, sparkling etc.). Protect respiratory system against inhalation of vapours. Provide good ventilation.
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6.2. Environmental precautions

Environmental precautions:	Prevent leakage into water, water dams, cellars, caves or sewage system. Prevent outflow into water, water dams, cellars, caves or sewage system and vapour accumulation in closed rooms.
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6.3. Methods and material for containment and cleaning up

Methods of cleaning up:	Absorb the outflow product and mix it with soil, sand or other absorptive materials for liquids. Leave waste to the authorized waste collectors.
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7. Handling and storage

7.1. Precautions for safe handling

Personal precautions:	When handling avoid contact with eyes and skin and to prevent leakage / diffusion of product into the environment.
Advice on safe handling:	At the handling with product ventilate the room thoroughly. Provide the fulfillment of regulations of safety at work. Close vessels with the product. Do not eat or drink during the use.

7.2. Conditions for safe storage, including any incompatibilities

Technical measures and conditions:	Do not store together with food or fodder. Keep the product in a tightly closed vessel in a dry and well ventilated room and according to conditions, which are on the label or in technical documentation. The packaging should be marked with the producer's original label.
Storage Class:	3B (German VCI Guideline)

7.3. Specific end use(s)

Packaging materials:	RECOMMENDED: The original manufacturer's packaging. UNSUITABLE: Do not use non-genuine and non-labeled containers.
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8. Exposure controls/personal protection

8.1. Control parameters

The prescribed of threshold limit value (TLV) for occupational exposure to hazardous substances in the atmosphere post the Regulation on the safety of employees from risks against chemical substance exposure at work:

Chemical Name	TLV (mg/m3)
No exposure limits exist for the constituents of this product. No engineering controls are likely to be required to maintain operator comfort under normal conditions of use.	

8.2. Exposure controls

Respiratory protection:	Not needed.
Hand protection:	At several contacts with the product use gloves made of nitril rubber with thickness 0,40 mm, in contact with drops of product (minor contacts) the gloves made of nitril rubber of thickness 0,11 mm.
Eye protection:	At the low concentrations in the air wear protective goggles, at high concentrations the protective mask for the whole face.
Skin protection:	In normal conditions wear clothes made of cotton and suitable footwear. In case the possibility of outflow is high, use the clothes and footwear resistant to chemicals (PVC, rubber).

9. Physical and chemical properties

9.1. Information on basic physical and chemical properties

(a) Appearance:	Thick liquid
(b) Odour:	No data
(c) Odour threshold:	No data
(d) pH:	N.A.
e) Melting point/freezing point:	10 °C ; computational method, based on component data ; 3-aminomethyl-3,5,5-trimethylcyclohexylamine
(f) Initial boiling point and boiling range:	205 °C at 1013.25 hPa ; computational method, based on component data ; benzyl alcohol
(g) Flash point:	Not applicable ;
(h) Evaporation rate:	; computational method, based on component data ; No data
(k) Vapour pressure:	0.02 hPa at 20 °C 3-aminomethyl-3,5,5-trimethylcyclohexylamine
(l) Vapour density:	3.72 (zrak= 1) 5.9 (zrak= 1) benzyl alcohol 3-aminomethyl-3,5,5-trimethylcyclohexylamine
(m) Relative density:	1,5 ISO 2811
(n) Solubility(ies):	Negligible; 0-1%
(o) Partition coefficient: n-octanol/water:	; computational method, based on component data 3-aminomethyl-3,5,5-trimethylcyclohexylamine (23 °C): 0.79
(p) Auto-ignition temperature:	436 °C ; computational method, based on component data ; benzyl alcohol
(q) Decomposition temperature:	No data
(r) Viscosity:	100 - 200 Pas
Kinematic viscosity:	> 21 mm²/s, 40 °C
(s) Explosive properties:	Product is not explosive. However, formation of explosive steam/air mixtures is possible.
9.2. Other information	
Solids content: (calculated, %)	65.8400
Organic solvents (wght. %)	34.160000
Water content: (calculated, %)	0.000000

10. Stability and reactivity

10.1. Reactivity

Reactivity:	Stable - when used in accordance with the instructions.
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10.2. Chemical stability

Stability:	The product is stable under conditions in accordance with the instructions and proper storage.
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10.3. Possibility of hazardous reactions

Hazardous conditions:	The presence of open flame or hazardous materials. Avoid contact of product with heat, sparks, flames and other ignition sources.
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10.4. Conditions to avoid

Unwanted conditions:	No data available
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10.5. Incompatible materials

Incompatibility:	The product is non-reactive and compatible with majority of substances, except with extreme oxidants. Keep the product in the original packaging. Do not mix with other products.
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10.6. Hazardous decomposition products

	No data available
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11. Toxicological information

11.1. Information on toxicological effects

Acute toxicity and evaluation of acute toxicity:

ORAL	648 mg/kg	
DERMAL	6440 mg/kg	
INHALATIONAL	21 mg/l	Method: Calculation method

Acute effects:

Irritation:

Skin:	Yes.
Eyes:	Yes.
Inhalation routes:	Yes, at more sensitive individuals.

Hypersensitivity:

Skin:	Yes.
Eyes:	No effect.

Chronic effects:

Effects of repeated exposure:	None data known.
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12. Ecological information

12.1. Toxicity

Ecotoxicity - Data on components:	The product contains components that are toxic to fish and aquatic environment.
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Chemical Name	CAS No.	Ecotoxicity conc.
3-aminomethyl-3,5,5-trimethylcyclohexylamine	2855-13-2	Aquatic LC50 (96h) fish = 110 mg/l EC50 Daphnia 23 mg/l EC50 Algae = 22 mg/l

12.2. Persistence and degradability

Biodegradation	No data available
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12.3. Bioaccumulative potential

Bioconcentration:	No data available
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12.4. Mobility in soil

Mobility	No data
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12.5. Results of PBT and vPvB assessment

PBT and vPvB:	No data available
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12.6. Other adverse effects

Ecotoxicity - Data on components:	Based on the classification of components, product may have long lasting effects to aquatic life.
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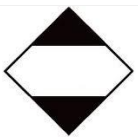
13. Disposal considerations

13.1. Waste treatment methods

Product:	The product leftovers , waste and useless packaging should be handled in accordance with the Regulations. Do not dispose of together with household waste ! Waste classification number: 08 04 09*
Packaging:	In case the metal packaging can not be reused, it will be recycled in the ironworks or disposed at special deposits (dir. 94/62/EC, dir. 1999/177/EC).

14. Transport information

	Transport by road/by railway - ADR/RID:	Transport by sea – IMDG:	Air transport (IATA):
14.1. UN number	2735	2735	2735
14.2. UN proper shipping name	AMINES, LIQUID, CORROSIVE, N.O.S. 3-aminomethyl-3,5,5-	AMINES, LIQUID, CORROSIVE, N.O.S. 3-aminomethyl-3,5,5-	AMINES, LIQUID, CORROSIVE, N.O.S. 3-aminomethyl-3,5,5-

	trimethylcyclohexylamine	trimethylcyclohexylamine	trimethylcyclohexylamine
14.3. Transport hazard class(es)	8	8	8
14.4. Packing group	III	III	III
Label:			
Hazard number:	80	80	80
Tunnel restriction code:	(E)		
Limited quantities:	 <p>packages: inner: ≤ 5 units; outer: ≤ 30 units</p>		
14.6. Special precautions for user	Transport with respecting transport labels and the requests of transportation legislation.		
14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code	Not applicable		

15. Regulatory information

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

This Safety Data Sheet has been prepared in accordance with a comprehensive chemicals legislation - REACH Regulation on chemicals and the Regulation for classification, labeling and packaging (CLP/GHS).

The product due to its (hazardous properties falls under the law of Major Accident Hazard (EU 96/82 - Seveso), is classified in category of this Regulation.

15.2. Chemical safety assessment

Has not been conducted.

16. Other information

The importance of H phrases from Chapter 3:

H302+H332 - Harmful if swallowed or in contact with skin.

H412 - Harmful to aquatic life with long lasting effects.

H317 - May cause an allergic skin reaction.

H314 - Causes severe skin burns and eye damage.

H302+H312 - Harmful if swallowed or in contact with skin.

H302 - Harmful if swallowed.

H226 - Flammable liquid and vapour.

H410 - Very toxic to aquatic life with long lasting effects.

H361fd - Suspected of damaging fertility. Suspected of damaging the unborn child.

Changes from previous revisions:	Changes to the sheet were made in section: 2., 3., 8., 9., 11., 12., 14., 15., 16.
Literature / Data Sources:	Supplier's / manufacturer's safety data, references to toxicological databases.

The information in this Safety Data Sheet refer only to the mentioned product in the form as delivered and it is not necessary valid when this material is used in the combination with other materials or in the processes, which are not foreseen in the instructions for use. This information is correct to the supplier's best of knowledge and reliable at the time of the publication of this Safety data sheet. It is the user's responsibility to ascertain the suitability of the product for a specific use.

The data in this Safety data sheet do not prove the quality of the product, they are only the instructions for the safe use of the product with the user.

In case of non-compliance with the measures or incorrect use of the product , stated in the Safety data sheet we do not accept any responsibility for the consequences.