

SEMPEREMA PASTE KI

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

Use, scope:	Glue based on epoxy resin. 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 Sensitisation 1 Skin Corrosion/Irritation 2 Serious Eye Damage/Eye Irritation 2 Hazardous to the aquatic environment - Chronic 2 Germ Cell Mutagenicity 2
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2.2. Label elements

EU 1272/2008:



Signal Word	Warning
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Contains:	reaction product: bisphenol a (epichlorohydrin); M<700; 2,3-epoxypropyl o-tolyl ether
Hazard phrases (H-phrases)	H315 - Causes skin irritation. H317 - May cause an allergic skin reaction. H319 - Causes serious eye irritation. H341 - Suspected of causing genetic defects. H411 - Toxic to aquatic life with long lasting effects.
Precautionary statements:	P261 - Avoid breathing dust/fume/gas/mist/vapours/spray. P273 - Avoid release to the environment. P308+P313 - IF exposed or concerned: Get medical advice/attention. P333+P313 - If skin irritation or rash occurs: Get medical advice/attention.

2.3. Other hazards

	No data available EUH205 - Contains epoxy constituents. May produce an allergic reaction.
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3. Composition/information on ingredients

3.2. Mixtures

Chemical composition:	Glue based on epoxy resin.		
Chemical Name	Concentration [weight %]	CAS EINECS EU INDEX REACH reg.no.	Classification (REGULATION (EC) No. 1272/2008)
reaction product: bisphenol a (epichlorohydrin); M<700	30-49,99	25068-38-6 500-033-5 603-074-00-8 01-2119456619-26	Aquatic Chronic 2; H411 Skin Sens. 1; H317 Eye Irrit.2; H319 Skin Irrit. 2; H315
2,3-epoxypropyl o-tolyl ether	10-19,99	2210-79-9 247-711-4 218-645-3 218-575-3 218-574-8 603-056-00-X	Aquatic Chronic 2; H411 Muta. 2; H341 Skin Sens. 1; H317 Skin Irrit. 2; H315 C

4. First aid measures

4.1. Description of first aid measures

In case of excessive inhalation:	If there are any symptoms transfer the victim to clean air.
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:	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 eat. Rinse mouth with water. Do not induce vomiting.

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

In case of excessive inhalation:	No data.
In case of contact with skin:	Slight skin irritation, which includes signs: localized redness, dryness, consequently itching is possible. Skin sensitivity, manifested by redness, itching, swelling.
In case of contact with eyes:	Slight inflammation of the eye, including the signs: painful burning and stinging, tearing, and may also be pain. Conjunctivitis may appear.
In case of ingestion:	None data known.

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:	Provide good ventilation.
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6.2. Environmental precautions

Environmental precautions:	Prevent in case of seepage into water course or sewage system.
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6.3. Methods and material for containment and cleaning up

Methods of cleaning up:	Absorb spilled product and mix with soil, sand or other loading material. Remove mixture to a deposit site for special or hazardous waste. Spilled product gather with industrial vacuum cleaner or moisten and wipe up with a rag.
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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.
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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:	10 (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:	Special protection is not necessary, use protective gloves only at direct contact with the product
Eye protection:	Not needed.
Skin protection:	Wear protective overalls made of cotton.

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:	
(f) Initial boiling point and boiling range:	2230 °C
(g) Flash point:	Not applicable ;
(h) Evaporation rate:	; computational method, based on component data ; No data
(i) Flammability (solid, gas):	10 (German VCI Guideline)
(k) Vapour pressure:	No data

(l) Vapour density:	No data
(m) Relative density:	1,6 ISO 2811
(n) Solubility(ies):	Negligible; 0-1%
(o) Partition coefficient: n-octanol/water:	; computational method, based on component data
(p) Auto-ignition temperature:	; computational method, based on component data ; No data
(q) Decomposition temperature:	No data
(r) Viscosity:	100 - 200 Pas
Kinematic viscosity:	> 21 mm²/s, 40 °C
(s) Explosive properties:	Not established
9.2. Other information	
Solids content: (calculated, %)	100
Organic solvents (wght. %)	0.000000
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:	No data available
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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	No data available	
DERMAL	No data available	
INHALATIONAL	No data available	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:	The product contains components which may cause risk of irreversible effects.
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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.	
Chemical Name	CAS No.	Ecotoxicity conc.
No data		ND

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


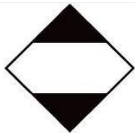
Ecotoxicity - Data on components:	Based on the classification of components, product may have long lasting effects to aquatic life.
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13. Disposal considerations

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	3082	3082	3082
14.2. UN proper shipping name	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. reaction product: bisphenol a (epichlorohydrin); M<700	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. reaction product: bisphenol a (epichlorohydrin); M<700	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. reaction product: bisphenol a (epichlorohydrin); M<700
14.3. Transport hazard class(es)	9	9	9
14.4. Packing group	III	III	III
Label:			
Hazard number:	90	90	90
Tunnel restriction code:	(E)		
Limited quantities:	 <p>packages: inner: =< 5 units; outer: =< 30 units</p>		
Instructions for emergency EmS:		F-A, S-F	
14.5. Environmental hazards		Yes	
14.6. Special	Transport with respecting transport labels and the requests of transportation legislation.		

precautions for user	
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:

H411 - Toxic to aquatic life with long lasting effects.

H319 - Causes serious eye irritation.

H317 - May cause an allergic skin reaction.

H315 - Causes skin irritation.

H341 - Suspected of causing genetic defects.

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.