LATICRETE

According to 1907/2006/EC (REACH), 2015/830/EU (THIS SDS IS JUST FOR INFORMATIVE PURPOSE. THE SDS SHALL BE SUPPLIED IN AN OFFICIAL LANGUAGE OF THE COUNTRY WHERE THE PRODUCT IS PLACED ON THE MARKET)



LATAPOXY 310 STONE ADHESIVE Comp.B - Pail LATAPOXY 310 RAPID STONE ADHESIVE Comp.B - Pail 24-S-310AB-NC-10B

SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1 Product identifier: LATAPOXY 310 STONE ADHESIVE Comp.B - Pail LATAPOXY 310 RAPID STONE ADHESIVE Comp.B - Pail 24-S-310AB-NC-10B

Product registration number: 24-S-310AB-NC-08; 24-S-310AB-NC-10

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

Relevant uses: Adhesive for construction. For professional user only.

Uses advised against: All uses not specified in this section or in section 7.3

1.3 Details of the supplier of the safety data sheet:

LATICRETE EUROPE SRL VIA BORGOGNA 8 20122 MILANO - ITALY Phone.: 059557680 info@laticreteeurope.com https://eu.laticrete.com/

1.4 Emergency telephone number: Company number (08:00 - 18:00 CET): (+39) 059 557680 - European emergency number: 112

SECTION 2: HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture:

CLP Regulation (EC) No 1272/2008:

Classification of this product has been carried out in accordance with CLP Regulation (EC) No 1272/2008.

Aquatic Chronic 2: Hazardous to the aquatic environment, long-term hazard, Category 2, H411

Eye Irrit. 2: Eye irritation, Category 2, H319 Skin Irrit. 2: Skin irritation, Category 2, H315 Skin Sens. 1: Sensitisation, skin, Category 1, H317

2.2 Label elements:

CLP Regulation (EC) No 1272/2008:

Warning



Hazard statements:

Aquatic Chronic 2: H411 - Toxic to aquatic life with long lasting effects Eye Irrit. 2: H319 - Causes serious eye irritation Skin Irrit. 2: H315 - Causes skin irritation Skin Sens. 1: H317 - May cause an allergic skin reaction Precautionary statements:

Precautionary statements:

P261: Avoid breathing dust/fume/gas/mist/vapours/spray P264: Wash thoroughly after handling P280: Wear protective gloves/protective clothing/eye protection/face protection P302+P352: IF ON SKIN: Wash with plenty of water

P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing P501: Dispose of contents/container in accordance with regulations on hazardous waste or packaging and packaging waste respectively

Supplementary information:

EUH205: Contains epoxy constituents. May produce an allergic reaction

Substances that contribute to the classification

reaction product: bisphenol-A-(epichlorhydrin) (MW < 700); Bisphenol F diglycidyl ether resin; oxirane, mono[(C12-14-alkyloxy)methyl] derivs.

2.3 Other hazards:

Product fails to meet PBT/vPvB criteria

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.1 Substance:



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SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS (continued)

Non-applicable

3.2 Mixture:

Chemical description: Mixture composed of additives, pigments and resins

Components:

In accordance with Annex II of Regulation (EC) No 1907/2006 (point 3), the product contains:

	Identification Chemical name/Classification C						
CAS:	25068-38-6	reaction product: bisphene	l-A-(epichlorhydrin) (MW < 700)௴	ATP CLP00			
EC: Index: REACH:	500-033-5 603-074-00-8 01-2119456619-26-XXXX	Regulation 1272/2008	Aquatic Chronic 2: H411; Eye Irrit. 2: H319; Skin Irrit. 2: H315; Skin Sens. 1: H317 - Warning		20 - <30 %		
CAS: 28064-14-4		Bisphenol F diglycidyl ethe	er resin ^{[10}	Self-classified			
	Non-applicable Non-applicable Non-applicable	Regulation 1272/2008	Aquatic Chronic 2: H411; Eye Irrit. 2: H319; Skin Irrit. 2: H315; Skin Sens. 1: H317 - Warning		5 - <10 %		
CAS: EC:	68609-97-2 271-846-8	oxirane, mono[(C12-14-alk	/loxy)methyl] derivs.⊮	ATP CLP00			
Index: REACH:	603-103-00-4 01-2119485289-22-XXXX	Regulation 1272/2008	Skin Irrit. 2: H315; Skin Sens. 1: H317 - Warning	$\langle $	5 - <10 %		

In Substances presenting a health or environmental hazard which meet criteria laid down in Regulation (EU) No. 2015/830

To obtain more information on the hazards of the substances consult sections 11, 12 and 16.

SECTION 4: FIRST AID MEASURES

4.1 Description of first aid measures:

The symptoms resulting from intoxication can appear after exposure, therefore, in case of doubt, seek medical attention for direct exposure to the chemical product or persistent discomfort, showing the SDS of this product.

By inhalation:

This product does not contain substances classified as hazardous for inhalation, however, in case of symptoms of intoxication remove the person affected from the exposure area and provide with fresh air. Seek medical attention if the symptoms get worse or persist.

By skin contact:

Remove contaminated clothing and footwear, rinse skin or shower the person affected if appropriate with plenty of cold water and neutral soap. In serious cases see a doctor. If the product causes burns or freezing, clothing should not be removed as this could worsen the injury caused if it is stuck to the skin. If blisters form on the skin, these should never be burst as this will increase the risk of infection.

By eye contact:

Rinse eyes thoroughly with lukewarm water for at least 15 minutes. Do not allow the person affected to rub or close their eyes. If the injured person uses contact lenses, these should be removed unless they are stuck to the eyes, in which case this could cause further damage. In all cases, after cleaning, a doctor should be consulted as quickly as possible with the SDS of the product.

By ingestion/aspiration:

Do not induce vomiting, but if it does happen keep the head down to avoid aspiration. Keep the person affected at rest. Rinse out the mouth and throat, as they may have been affected during ingestion.

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

Acute and delayed effects are indicated in sections 2 and 11.

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

Non-applicable

SECTION 5: FIREFIGHTING MEASURES

5.1 Extinguishing media:

Product is non-flammable under normal conditions of storage, handling and use. In the case of combustion as a result of improper handling, storage or use preferably use polyvalent powder extinguishers (ABC powder), in accordance with the Regulation on fire protection systems. IT IS NOT RECOMMENDED to use full jet water as an extinguishing agent.

5.2 Special hazards arising from the substance or mixture:

As a result of combustion or thermal decomposition reactive sub-products are created that can become highly toxic and, consequently, can present a serious health risk.



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SECTION 5: FIREFIGHTING MEASURES (continued)

5.3 Advice for firefighters:

Depending on the magnitude of the fire it may be necessary to use full protective clothing and self-contained breathing apparatus (SCBA). Minimum emergency facilities and equipment should be available (fire blankets, portable first aid kit,...) in accordance with Directive 89/654/EC. Additional provisions:

Act in accordance with the Internal Emergency Plan and the Information Sheets on actions to take after an accident or other emergencies. Eliminate all sources of ignition. In case of fire, cool the storage containers and tanks for products susceptible to combustion, explosion or BLEVE as a result of high temperatures. Avoid spillage of the products used to extinguish the fire into an aqueous medium.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures:

Sweep up and shovel product or collect by other means and place in container for reuse (preferred) or disposal

6.2 Environmental precautions:

Avoid at all cost any type of spillage into an aqueous medium. Contain the product absorbed appropriately in hermetically sealed containers. Notify the relevant authority in case of exposure to the general public or the environment.

6.3 Methods and material for containment and cleaning up:

It is recommended:

Sweep up and shovel product or collect by other means and place in container for reuse (preferred) or disposal

6.4 Reference to other sections:

See sections 8 and 13.

SECTION 7: HANDLING AND STORAGE

7.1 Precautions for safe handling:

A.- Precautions for safe manipulation

Comply with the current legislation concerning the prevention of industrial risks. Keep containers hermetically sealed. Control spills and residues, destroying them with safe methods (section 6). Avoid leakages from the container. Maintain order and cleanliness where dangerous products are used.

B.- Technical recommendations for the prevention of fires and explosions

Due to its inflammable nature, the product does not present a fire risk under normal conditions of storage, handling and use.

C.- Technical recommendations to prevent ergonomic and toxicological risks

Do not eat or drink during the process, washing hands afterwards with suitable cleaning products.

D.- Technical recommendations to prevent environmental risks

Sweep up and shovel product or collect by other means and place in container for reuse (preferred) or disposal See sections 8 and 13.

7.2 Conditions for safe storage, including any incompatibilities:

A.- Technical measures for storage

Maximum time: 12 Months

B.- General conditions for storage

Avoid sources of heat, radiation, static electricity and contact with food. For additional information see subsection 10.5

7.3 Specific end use(s):

Except for the instructions already specified it is not necessary to provide any special recommendation regarding the uses of this product.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control parameters:

Substances whose occupational exposure limits have to be monitored in the workplace Nuisance dust: Inhalable dust 10 mg/m3 // Respirable dust 4 mg/m3

DNEL (Workers):



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SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION (continued)

	Short	exposure	Long exposure		
Identification	Systemic	Local	Systemic	Local	
reaction product: bisphenol-A-(epichlorhydrin) (MW < 700)	Oral	Non-applicable	Non-applicable	Non-applicable	Non-applicable
CAS: 25068-38-6	Dermal	8,33 mg/kg	Non-applicable	8,33 mg/kg	Non-applicable
EC: 500-033-5	Inhalation	12,25 mg/m ³	Non-applicable	12,25 mg/m ³	Non-applicable
oxirane, mono[(C12-14-alkyloxy)methyl] derivs.	Oral	Non-applicable	Non-applicable	Non-applicable	Non-applicable
CAS: 68609-97-2	Dermal	17 mg/kg	Non-applicable	3,9 mg/kg	Non-applicable
EC: 271-846-8	Inhalation	29 mg/m ³	9,8 mg/m ³	13,8 mg/m ³	0,98 mg/m ³

DNEL (General population):

	Short e	posure Long exposure			
Identification	Systemic	Local	Systemic	Local	
reaction product: bisphenol-A-(epichlorhydrin) (MW < 700)	Oral	0,75 mg/kg	Non-applicable	0,75 mg/kg	Non-applicable
CAS: 25068-38-6	Dermal	3,571 mg/kg	Non-applicable	3,571 mg/kg	Non-applicable
EC: 500-033-5	Inhalation	Non-applicable	Non-applicable	Non-applicable	Non-applicable
oxirane, mono[(C12-14-alkyloxy)methyl] derivs.	Oral	1219 mg/kg	Non-applicable	1 mg/kg	Non-applicable
CAS: 68609-97-2	Dermal	10 mg/kg	Non-applicable	2,35 mg/kg	Non-applicable
EC: 271-846-8	Inhalation	7,6 mg/m ³	2,9 mg/m ³	4,1 mg/m ³	1,46 mg/m ³

PNEC:

Identification				
reaction product: bisphenol-A-(epichlorhydrin) (MW < 700)	STP	10 mg/L	Fresh water	0,006 mg/L
CAS: 25068-38-6	Soil	0,196 mg/kg	Marine water	0,0006 mg/L
EC: 500-033-5	Intermittent	0,018 mg/L	Sediment (Fresh water)	0,996 mg/kg
	Oral	11 g/kg	Sediment (Marine water)	0,0996 mg/kg
oxirane, mono[(C12-14-alkyloxy)methyl] derivs.	STP	10 mg/L	Fresh water	0,0072 mg/L
CAS: 68609-97-2	Soil	80,12 mg/kg	Marine water	0,00072 mg/L
EC: 271-846-8	Intermittent	0,072 mg/L	Sediment (Fresh water)	66,77 mg/kg
	Oral	Non-applicable	Sediment (Marine water)	6,677 mg/kg

8.2 Exposure controls:

C.

A.- General security and hygiene measures in the work place

As a preventative measure it is recommended to use basic Personal Protective Equipment, with the corresponding <<CE marking>> in accordance with Directive 89/686/EC. For more information on Personal Protective Equipment (storage, use, cleaning, maintenance, class of protection,...) consult the information leaflet provided by the manufacturer. For more information see subsection 7.1.

All information contained herein is a recommendation which needs some specification from the labour risk prevention services as it is not known whether the company has additional measures at its disposal.

B.- Respiratory protection

Pictogram	PPE	Labelling	CEN Standard	Remarks
Mandatory respiratory tract protection	Filter mask for gases and vapours		EN 405:2001+A1:2009	Replace when there is a taste or smell of the contaminant inside the face mask. If the contaminant comes with warnings in is recommended to use isolation equipment.
Specific protection for	or the hands			-
Pictogram	PPE	Labelling	CEN Standard	Remarks
	Protective gloves against minor risks	CATI		Replace gloves in case of any sign of damage. For prolonged periods of exposure to the product for professional users/industrials, we recommend using CE III gloves in line with standards EN 420:2003+A1:2009 and EN ISO 374-1:2016

D.- Ocular and facial protection



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	Pictogram	PPE		Labelling		CEN Standard		Remarks
	Mandatory face protection	Panoramic glasses splash/projecti				EN 166:2001 EN ISO 4007:2018		an daily and disinfect periodically according to th cturer's instructions. Use if there is a risk of spla
E	Body protection							
	Pictogram	PPE		Labelling		CEN Standard		Remarks
		Work clothir	ıg	CATI			prolong	e before any evidence of deterioration. For perio ged exposure to the product for professional/indu- rs CE III is recommended, in accordance with th ons in EN ISO 6529:2013, EN ISO 6530:2005, E 13688:2013, EN 464:1994.
		Anti-slip work s	hoes			EN ISO 20347:2012	prolong	e before any evidence of deterioration. For perio ged exposure to the product for professional/indu rs CE III is recommended, in accordance with th lations in EN ISO 20345:2012 y EN 13832-1:200
F	Additional emergency	measures						
	Emergency meas	ure	St	andards		Emergency measur	e	Standards
	Emergency show			SI Z358-1 11, ISO 3864-4:2011		Eyewash stations		DIN 12 899 ISO 3864-1:2011, ISO 3864-4:2011
Env	/ironmental exposure	controls:						
In a its c	•	nmunity legislation I information see s			onment	it is recommended to a	avoid env	vironmental spillage of both the product
Wit	h regard to Directive 20	10/75/EU, this pro	duct has the	e following charact	teristics	:		
	V.O.C. (Supply):		0 % we	eight				
	V.O.C. density at 20 °	C:	0 kg/m	³ (0 g/L)				
	Average carbon numb	er:	Non-ap	plicable				
	Average molecular we			plicable				

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1	Information on basic physical and chemical propertie	35:
	Appearance:	
	Physical state at 20 °C:	Solid
	Appearance:	Paste
	Colour:	Light yellow
	Odour:	Odourless
	Odour threshold:	Non-applicable *
	Volatility:	
	Boiling point at atmospheric pressure:	Non-applicable *
	Vapour pressure at 20 °C:	Non-applicable *
	Vapour pressure at 50 °C:	Non-applicable *
	Evaporation rate at 20 °C:	Non-applicable *
	Product description:	
	Density at 20 °C:	1500 kg/m³
	*Not relevant due to the nature of the product, not providing informatio	on property of its hazards.

10.1

10.2

10.3

10.4

10.5

10.6

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SEC	FION 9: PHYSICAL AND CHEMICAL PROPERTIES (cont	inued)
	Relative density at 20 °C:	1,5
	Dynamic viscosity at 20 °C:	Non-applicable *
	Kinematic viscosity at 20 °C:	Non-applicable *
	Kinematic viscosity at 40 °C:	>20,5 cSt
	Concentration:	Non-applicable *
	pH:	Non-applicable *
	Vapour density at 20 °C:	Non-applicable *
	Partition coefficient n-octanol/water 20 °C:	Non-applicable *
	Solubility in water at 20 °C:	Non-applicable *
	Solubility properties:	Insoluble
	Decomposition temperature:	Non-applicable *
	Melting point/freezing point:	Non-applicable *
	Explosive properties:	Non-applicable *
	Oxidising properties:	Non-applicable *
	Flammability:	
	Flash Point:	Non-applicable
	Flammability (solid, gas):	Non-applicable *
	Autoignition temperature:	Non-applicable *
	Lower flammability limit:	Non-applicable *
	Upper flammability limit:	Non-applicable *
	Explosive:	
	Lower explosive limit:	Non-applicable *
	Upper explosive limit:	Non-applicable *
9.2	Other information:	
	Surface tension at 20 °C:	Non-applicable *
	Refraction index:	Non-applicable *
	*Not relevant due to the nature of the product, not providing information property	of its hazards.

SECTION 10: STABILITY AND REACTIVITY Reactivity: No hazardous reactions are expected because the product is stable under recommended storage conditions. See section 7. Chemical stability: Chemically stable under the conditions of storage, handling and use. Possibility of hazardous reactions: Under the specified conditions, hazardous reactions that lead to excessive temperatures or pressure are not expected. Conditions to avoid: Applicable for handling and storage at room temperature: Shock and friction Contact with air Sunlight Increase in temperature Not applicable Not applicable Not applicable Not applicable Incompatible materials: Acids Water Oxidising materials Combustible materials Avoid strong acids Not applicable Not applicable Not applicable Avoid alkalis or strong bases Hazardous decomposition products: See subsection 10.3, 10.4 and 10.5 to find out the specific decomposition products. Depending on the decomposition conditions, complex mixtures of chemical substances can be released: carbon dioxide (CO2), carbon monoxide and other organic compounds. - CONTINUED ON NEXT PAGE -Date of compilation: 06/08/2020 Version: 1

Humidity

Not applicable

Others



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SECTION 11: TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects:

The experimental information related to the toxicological properties of the product itself is not available

Dangerous health implications:

In case of exposure that is repetitive, prolonged or at concentrations higher than the recommended occupational exposure limits, adverse effects on health may result, depending on the means of exposure:

- A- Ingestion (acute effect):
 - Acute toxicity : Based on available data, the classification criteria are not met, as it does not contain substances classified as dangerous for consumption. For more information see section 3.
 - Corrosivity/Irritability: The consumption of a considerable dose can cause irritation in the throat, abdominal pain, nausea and vomiting.
- B- Inhalation (acute effect):

- Acute toxicity : Based on available data, the classification criteria are not met, as it does not contain substances classified as dangerous for inhalation. For more information see section 3.

- Corrosivity/Irritability: Based on available data, the classification criteria are not met, as it does not contain substances classified as dangerous for this effect. For more information see section 3.

- C- Contact with the skin and the eyes (acute effect):
 - Contact with the skin: Produces skin inflammation.
 - Contact with the eyes: Produces eye damage after contact.
- D- CMR effects (carcinogenicity, mutagenicity and toxicity to reproduction):

- Carcinogenicity: Based on available data, the classification criteria are not met, as it does not contain substances classified as dangerous for the effects mentioned. For more information see section 3.

IARC: Non-applicable

- Mutagenicity: Based on available data, the classification criteria are not met, as it does not contain substances classified as dangerous for this effect. For more information see section 3.

- Reproductive toxicity: Based on available data, the classification criteria are not met, as it does not contain substances classified as dangerous for this effect. For more information see section 3.

E- Sensitizing effects:

- Respiratory: Based on available data, the classification criteria are not met, as it does not contain substances classified as dangerous with sensitising effects. For more information see section 3.

- Cutaneous: Prolonged contact with the skin can result in episodes of allergic contact dermatitis.
- F- Specific target organ toxicity (STOT) single exposure:

Based on available data, the classification criteria are not met, as it does not contain substances classified as dangerous for this effect. For more information see section 3.

- G- Specific target organ toxicity (STOT)-repeated exposure:
 - Specific target organ toxicity (STOT)-repeated exposure: Based on available data, the classification criteria are not met, as it does not contain substances classified as dangerous for this effect. For more information see section 3.

- Skin: Based on available data, the classification criteria are not met, as it does not contain substances classified as dangerous for this effect. For more information see section 3.

H- Aspiration hazard:

Based on available data, the classification criteria are not met, as it does not contain substances classified as dangerous for this effect. For more information see section 3.

Other information:

Non-applicable

Specific toxicology information on the substances:

Not available

SECTION 12: ECOLOGICAL INFORMATION

The experimental information related to the eco-toxicological properties of the product itself is not available

12.1 Toxicity:



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Identification			Acute toxicity		Specie	s	Genus	
		_C50	,			-	Fish	
CAS: 25068-38-6	E	EC50	1 - 10 mg/L				Crustacean	
EC: 500-033-5			1 - 10 mg/L				Algae	
Bisphenol F diglycidyl ether resin		_C50	1 - 10 mg/L (96 h)				Fish	
CAS: 28064-14-4		EC50	1 - 10 mg/L				Crustacean	
EC: Non-applicable	E	EC50	1 - 10 mg/L				Algae	
Persistence and degradability:								
Identification		De	egradability		Biodegradat		ty	
reaction product: bisphenol-A-(epichlorhydrin) (MW < 700)	BOD5		Non-applicable	Concer	Concentration Period % Biodegradable		100 mg/L	
CAS: 25068-38-6	COD		Non-applicable	Period			28 days	
EC: 500-033-5	BOD5/C	OD	Non-applicable	% Biod			0 %	
Bioaccumulative potential:								
Identification					Bioaccu	mulation	potential	
reaction product: bisphenol-A-(epichlorhydrin) (MW < 700)		BCF Pow Lo		BCF	= 4			
CAS: 25068-38-6				Log	2.8			
EC: 500-033-5				Pote	ential	Low		
Mobility in soil:								
Not available								
Results of PBT and vPvB assessment:								
Product fails to meet PBT/vPvB criteria								
Other adverse effects:								
Not described								
	reaction product: bisphenol-A-(epichlorhydrin) (MW < 700) CAS: 25068-38-6 EC: 500-033-5 Bisphenol F diglycidyl ether resin CAS: 28064-14-4 EC: Non-applicable Persistence and degradability: Identification reaction product: bisphenol-A-(epichlorhydrin) (MW < 700) CAS: 25068-38-6 EC: 500-033-5 Bioaccumulative potential: Identification reaction product: bisphenol-A-(epichlorhydrin) (MW < 700) CAS: 25068-38-6 EC: 500-033-5 Bioaccumulative potential: Identification reaction product: bisphenol-A-(epichlorhydrin) (MW < 700) CAS: 25068-38-6 EC: 500-033-5 Mobility in soil: Not available Results of PBT and vPvB assessment: Product fails to meet PBT/vPvB criteria Dther adverse effects:	reaction product: bisphenol-A-(epichlorhydrin) (MW < 700) CAS: 25068-38-6 EC: 500-033-5 Bisphenol F diglycidyl ether resin CAS: 28064-14-4 EC: Non-applicable Persistence and degradability: Identification reaction product: bisphenol-A-(epichlorhydrin) (MW < 700) CAS: 25068-38-6 EC: 500-033-5 BioD5/C Bioaccumulative potential: Identification reaction product: bisphenol-A-(epichlorhydrin) (MW < 700) CAS: 25068-38-6 EC: 500-033-5 BioD5/C Bioaccumulative potential: Identification reaction product: bisphenol-A-(epichlorhydrin) (MW < 700) CAS: 25068-38-6 EC: 500-033-5 Mobility in soil: Identification Product fails to meet PBT/vPvB criteria Dther adverse effects:	reaction product: bisphenol-A-(epichlorhydrin) (MW < 700) LC50 CAS: 25068-38-6 EC: 500-033-5 Bisphenol F diglycidyl ether resin CAS: 28064-14-4 EC: Non-applicable Versistence and degradability: Identification Definition reaction product: bisphenol-A-(epichlorhydrin) (MW < 700) BOD5 CAS: 25068-38-6 EC: 500-033-5 Bioaccumulative potential: Identification reaction product: bisphenol-A-(epichlorhydrin) (MW < 700) CAS: 25068-38-6 EC: 500-033-5 Bioaccumulative potential: Identification reaction product: bisphenol-A-(epichlorhydrin) (MW < 700) CAS: 25068-38-6 EC: 500-033-5 Mobility in soil: Identification Product fails to meet PBT/vPvB criteria Dther adverse effects:	reaction product: bisphenol-A-(epichlorhydrin) (MW < 700) LC50 1 - 10 mg/L (96 h) CAS: 25068-38-6 EC50 1 - 10 mg/L EC: 500-033-5 EC50 1 - 10 mg/L Bisphenol F diglycidyl ether resin LC50 1 - 10 mg/L CAS: 28064-14-4 EC50 1 - 10 mg/L EC: Non-applicable EC50 1 - 10 mg/L Persistence and degradability: EC50 1 - 10 mg/L Versistence and degradability: EC50 1 - 10 mg/L Presistence and degradability: EC50 1 - 10 mg/L Versistence and degradability: EC50 Non-applicable CAS: 25068-38-6 COD Non-applicable Ec: 500-033-5 BOD5/COD Non-applicable Reaction product: bisphenol-A-(epichlorhydrin) (MW < 700) CAS: 25068-38-6 EC: 500-033-5 Mobility in so	Image: Constraint of the system of	teaction product: bisphenol-A-(epichlorhydrin) (MW < 700) LC50 1 - 10 mg/L (96 h) EC CAS: 25068-38-6 EC 500 1 - 10 mg/L EC EC EC 500 1 - 10 mg/L EC EC EC EC 500 1 - 10 mg/L EC EC EC 500 1 - 10 mg/L EC EC EC EC 500 1 - 10 mg/L EC EC EC EC 500 1 - 10 mg/L EC EC EC EC 500 1 - 10 mg/L EC EC EC EC EC 500 1 - 10 mg/L EC EC EC EC EC EC EC EC EC 500 1 - 10 mg/L EC 500 EC 500 EC	interaction product: bisphenol-A-(epichlorhydrin) (MW < 700) LC50 1 - 10 mg/L (96 h) Image: Control of the mail of the mai	

SECTION 13: DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods:

Code	Description	Waste class (Regulation (EU) No 1357/2014)
08 04 09*	waste adhesives and sealants containing organic solvents or other hazardous substances	Dangerous

Type of waste (Regulation (EU) No 1357/2014):

HP14 Ecotoxic, HP13 Sensitising, HP4 Irritant — skin irritation and eye damage

Waste management (disposal and evaluation):

Consult the authorized waste service manager on the assessment and disposal operations in accordance with Annex 1 and Annex 2 (Directive 2008/98/EC). As under 15 01 (2014/955/EC) of the code and in case the container has been in direct contact with the product, it will be processed the same way as the actual product. Otherwise, it will be processed as non-dangerous residue. We do not recommended disposal down the drain. See paragraph 6.2.

Regulations related to waste management:

In accordance with Annex II of Regulation (EC) No 1907/2006 (REACH) the community or state provisions related to waste management are stated

Community legislation: Directive 2008/98/EC, 2014/955/EU, Regulation (EU) No 1357/2014

SECTION 14: TRANSPORT INFORMATION

Transport of dangerous goods by land:

With regard to ADR 2019 and RID 2019:



According to 1907/2006/EC (REACH), 2015/830/EU (THIS SDS IS JUST FOR INFORMATIVE PURPOSE. THE SDS SHALL BE SUPPLIED IN AN OFFICIAL LANGUAGE OF THE COUNTRY WHERE THE PRODUCT IS PLACED ON THE MARKET)



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SECTION 14: TRANSPOR	TINFO	DRMATION (continued)	
	14.1	UN number:	UN3077
<u>م</u>	14.1	UN proper shipping name:	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (reaction
All 🐺 🔪	14.2	on proper snipping name.	product: bisphenol-A-(epichlorhydrin) (MW < 700))
9	14.3	Transport hazard class(es):	9
\vee \vee		Labels:	9
	14.4	Packing group:	
	14.5	Environmental hazards:	Yes
	14.6	Special precautions for user	
		Special regulations:	274, 335, 375, 601
		Tunnel restriction code:	Non-applicable
		Physico-Chemical properties:	see section 9
		Limited quantities:	5 kg
	14.7	Transport in bulk according to Annex	Non-applicable
		II of Marpol and the IBC Code:	
Transport of danger	ous goo	ods by sea:	
With regard to IMDG	39-18:		
	14.1	UN number:	UN3077
	14.2	UN proper shipping name:	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (reaction
			product: bisphenol-A-(epichlorhydrin) (MW < 700))
	14.3	Transport hazard class(es):	9
		Labels:	9
	14.4	Packing group:	
	14.5	Environmental hazards:	Yes
	14.6	Special precautions for user	005 000 074 007 000
		Special regulations:	335, 966, 274, 967, 969
		EmS Codes:	F-A, S-F
		Physico-Chemical properties:	see section 9
		Limited quantities:	5 kg
	14.7	Segregation group:	Non-applicable
	14.7	Transport in bulk according to Annex II of Marpol and the IBC Code:	Non-applicable
Transport of danger	ous goo	•	
With regard to IATA/IC	-	-	
A A	14.1	UN number:	UN3077
	14.2	UN proper shipping name:	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (reaction
9			product: bisphenol-A-(epichlorhydrin) (MW < 700))
· ·	14.3	Transport hazard class(es):	9
		Labels:	9
	14.4	Packing group:	
	14.5	Environmental hazards:	Yes
	14.6	Special precautions for user	
		Physico-Chemical properties:	see section 9
	14.7	Transport in bulk according to Annex II of Marpol and the IBC Code:	Non-applicable

SECT	ION 15: REGULATORY INFORMATION
15.1	Safety, health and environmental regulations/legislation specific for the substance or mixture:
	Candidate substances for authorisation under the Regulation (EC) No 1907/2006 (REACH): Non-applicable
	Substances included in Annex XIV of REACH ("Authorisation List") and sunset date: Non-applicable
	Regulation (EC) No 1005/2009, about substances that deplete the ozone layer: Non-applicable
	Article 95, REGULATION (EU) No 528/2012: Non-applicable
	REGULATION (EU) No 649/2012, in relation to the import and export of hazardous chemical products: Non-applicable

Seveso III:

- CONTINUED ON NEXT PAGE -





According to 1907/2006/EC (REACH), 2015/830/EU (THIS SDS IS JUST FOR INFORMATIVE PURPOSE. THE SDS SHALL BE SUPPLIED IN AN OFFICIAL LANGUAGE OF THE COUNTRY WHERE THE PRODUCT IS PLACED ON THE MARKET)



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SECTION 15: REGULATORY INFORMATION (continued)

Section	Description	Lower-tier requirements	Upper-tier requirements
E2	ENVIRONMENTAL HAZARDS	200	500

Limitations to commercialisation and the use of certain dangerous substances and mixtures (Annex XVII REACH, etc ...):

Non-applicable

Specific provisions in terms of protecting people or the environment:

It is recommended to use the information included in this safety data sheet as a basis for conducting workplace-specific risk assessments in order to establish the necessary risk prevention measures for the handling, use, storage and disposal of this product.

Other legislation:

The product could be affected by sectorial legislation

15.2 Chemical safety assessment:

The supplier has not carried out evaluation of chemical safety.

SECTION 16: OTHER INFORMATION

Legislation related to safety data sheets:

This safety data sheet has been designed in accordance with ANNEX II-Guide to the compilation of safety data sheets of Regulation (EC) No 1907/2006 (Regulation (EC) No 2015/830)

Modifications related to the previous Safety Data Sheet which concerns the ways of managing risks.:

Non-applicable

Texts of the legislative phrases mentioned in section 2:

H315: Causes skin irritation

H317: May cause an allergic skin reaction

H411: Toxic to aquatic life with long lasting effects

H319: Causes serious eye irritation

Texts of the legislative phrases mentioned in section 3:

The phrases indicated do not refer to the product itself; they are present merely for informative purposes and refer to the individual components which appear in section 3

CLP Regulation (EC) No 1272/2008:

Aquatic Chronic 2: H411 - Toxic to aquatic life with long lasting effects Eye Irrit. 2: H319 - Causes serious eye irritation Skin Irrit. 2: H315 - Causes skin irritation Skin Sens. 1: H317 - May cause an allergic skin reaction

Classification procedure:

Skin Irrit. 2: Calculation method Skin Sens. 1: Calculation method Aquatic Chronic 2: Calculation method Eye Irrit. 2: Calculation method

Advice related to training:

Minimal training is recommended in order to prevent industrial risks for staff using this product and to facilitate their comprehension and interpretation of this safety data sheet, as well as the label on the product.

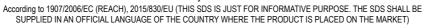
Principal bibliographical sources:

http://echa.europa.eu http://eur-lex.europa.eu

Abbreviations and acronyms:

ADR: European agreement concerning the international carriage of dangerous goods by road IMDG: International maritime dangerous goods code IATA: International Air Transport Association ICAO: International Civil Aviation Organisation COD: Chemical Oxygen Demand BOD5: 5-day biochemical oxygen demand BCF: Bioconcentration factor LD50: Lethal Dose 50 LC50: Lethal Concentration 50 EC50: Effective concentration 50 LC50: Lethal Concentration 50 Log-POW: Octanol-water partition coefficient Koc: Partition coefficient of organic carbon

According to SUPPLI





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The information contained in this safety data sheet is based on sources, technical knowledge and current legislation at European and state level, without being able to guarantee its accuracy. This information cannot be considered a guarantee of the properties of the product, it is simply a description of the security requirements. The occupational methodology and conditions for users of this product are not within our awareness or control, and it is ultimately the responsibility of the user to take the necessary measures to obtain the legal requirements concerning the manipulation, storage, use and disposal of chemical products. The information on this safety data sheet only refers to this product, which should not be used for needs other than those specified.