

ATICRET

This SDS is an English translation of COMMISSION REGULATION (EU) 2020/878, without any country-specific legislation

# LATAPOXY WATERPROOF FLASHING MORTAR Part.B 0024-0001-2B



SECT	TION 1: IDENTIFICATION OF T	HE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING
1.1	Product identifier:	LATAPOXY WATERPROOF FLASHING MORTAR Part.B 0024-0001-2B
	Other means of identification:	
	UFI:	YQ30-Q048-8005-3XFU
	Product registration number:	0024-0001-2
1.2	Relevant identified uses of the su	ubstance or mixture and uses advised against:
	Relevant uses: Waterproofing. For	professional users only.
	Uses advised against: All uses not	specified in this section or in section 7.3
1.3	Details of the supplier of the safe	ety data sheet:
	LATICRETE EUROPE SRL Via Paletti Snc 41051 Castelnuovo Rangone - ITAL Phone: 059535540 info@laticreteeurope.com https://eu.laticrete.com/	LY
1.4		NHS Direct (UK): +44 0845 46 47 Europe's emergency number: 112 Company number (08:00 - 18:00 CET): (+39) 059 535540
SECT	ION 2: HAZARDS IDENTIFICA	TION **

#### 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:

P261: Avoid breathing dust/fume/gas/mist/vapours/spray.

P264: Wash thoroughly after handling.

P280: Wear protective gloves/protective clothing/respiratory protection/eye protection/protective footwear.

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

Formaldehyde, oligomeric reaction products with 1-chloro-2,3-epoxypropane and phenol; Bis-[4-(2,3-epoxipropoxi)phenyl]propane; Poly(propylene glycol) (n) diglycidyl ether; oxirane, mono[(C12-14-alkyloxy)methyl] derivs.; reaction product: bisphenol-A-(epichlorhydrin) ( MW < 700 ) UFI: YQ30-Q048-8005-3XFU

#### 2.3 Other hazards:

\*\* Changes with regards to the previous version



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## SECTION 2: HAZARDS IDENTIFICATION \*\* (continued)

Product fails to meet PBT/vPvB criteria

Endocrine-disrupting properties: The product fails to meet the criteria.

\* Changes with regards to the previous version

#### SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS \*\*

#### 3.1 Substance:

Non-applicable

#### 3.2 Mixture:

#### Chemical description: Mixture composed of additives and epoxy polymers

#### Components:

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

	Identification		Chemical name/Classification		Concentration	
CAS: EC:	9003-36-5 500-006-8	Formaldehyde, oligomeric reaction products with 1-chloro-2,3-epoxypropane and phenol <sup>1</sup> Self-classified				
Index: REACH:	Non-applicable 01-2119454392-40-XXXX	Regulation 1272/2008	Aquatic Chronic 2: H411; Skin Irrit. 2: H315; Skin Sens. 1: H317 - Warning		50 - <64 %	
CAS: EC:	1675-54-3 216-823-5	Bis-[4-(2,3-epoxipropoxi)pl	nenyl]propane <sup>1</sup>	ATP CLP00		
Index: REACH:	603-073-00-2	Regulation 1272/2008	Eye Irrit. 2: H319; Skin Irrit. 2: H315; Skin Sens. 1: H317 - Warning	$\langle \mathbf{\hat{b}}$	18 - <21 %	
CAS:	9072-62-2	Poly(propylene glycol) (n) diglycidyl ether 1 Self-		Self-classified		
EC: Index: REACH:	Non-applicable Non-applicable Non-applicable	Regulation 1272/2008	Eye Irrit. 2: H319; Skin Irrit. 2: H315; Skin Sens. 1: H317 - Warning	¢	17 - <19 %	
CAS:	68609-97-2	oxirane, mono[(C12-14-alk	vloxy)methyl] derivs. <sup>1</sup>	ATP CLP00		
EC: Index: REACH:	271-846-8 603-103-00-4 01-2119485289-22-XXXX	Regulation 1272/2008	Skin Irrit. 2: H315; Skin Sens. 1: H317 - Warning	¢	1 - <5 %	
CAS: EC:	25068-38-6 500-033-5	reaction product: bisphene	ol-A-(epichlorhydrin) ( MW < 700 ) 1	ATP CLP00		
Index: REACH:	500-033-5 603-074-00-8 Non-applicable	Regulation 1272/2008	Aquatic Chronic 2: H411; Eye Irrit. 2: H319; Skin Irrit. 2: H315; Skin Sens. 1: H317 - Warning		1 - <5 %	

<sup>1</sup> Substances presenting a health or environmental hazard which meet criteria laid down in Regulation (EU) No. 2020/878

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

#### Other information:

Identification	Specific concentration limit
	% (w/w) >=5: Skin Irrit. 2 - H315 % (w/w) >=5: Eye Irrit. 2 - H319
	% (w/w) >=5: Skin Irrit. 2 - H315 % (w/w) >=5: Eye Irrit. 2 - H319

\*\* Changes with regards to the previous version

# 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:



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#### SECTION 4: FIRST AID MEASURES (continued)

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:

#### Suitable 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. Unsuitable extinguishing media:

#### Non-applicable

#### 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

#### 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:

#### For non-emergency personnel:

Isolate leaks provided that there is no additional risk for the people performing this task. Personal protection equipment must be used against potential contact with the spilt product (See section 8). Evacuate the area and keep out those who do not have protection. For emergency responders:

Wear protective equipment. Keep unprotected persons away. See section 8.

#### 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:

Absorb the spillage using sand or inert absorbent and move it to a safe place. Do not absorb in sawdust or other combustible absorbents. For any concern related to disposal consult section 13.

#### 6.4 Reference to other sections:

See sections 8 and 13.

#### SECTION 7: HANDLING AND STORAGE

#### 7.1 Precautions for safe handling:

A.- General precautions for safe use



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#### SECTION 7: HANDLING AND STORAGE (continued)

Comply with the current legislation concerning the prevention of industrial risks with regards manually handling weights. Maintain order, cleanliness and dispose of using safe methods (section 6).

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

Product is non-flammable under normal conditions of storage, handling and use. It is recommended to transfer at slow speeds to avoid the generation of electrostatic charges that can affect flammable products. Consult section 10 for information on conditions and materials that should be avoided.

C.- Technical recommendations on general occupational hygiene

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

D.- Technical recommendations to prevent environmental risks

Due to the danger of this product for the environment it is recommended to use it within an area containing contamination control barriers in case of spillage, as well as having absorbent material in close proximity.

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):

7.2

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 (European OEL, not country-specific legislation):

There are no applicable occupational exposure limits for the substances contained in the product

#### DNEL (Workers):

		Short e	xposure	Long e	xposure
Identification		Systemic	Local	Systemic	Local
Formaldehyde, oligomeric reaction products with 1-chloro-2,3- epoxypropane and phenol	Oral	Non-applicable	Non-applicable	Non-applicable	Non-applicable
CAS: 9003-36-5	Dermal	Non-applicable	Non-applicable	104,15 mg/kg	Non-applicable
EC: 500-006-8	Inhalation	Non-applicable	Non-applicable	29,39 mg/m <sup>3</sup>	Non-applicable
Bis-[4-(2,3-epoxipropoxi)phenyl]propane	Oral	Non-applicable	Non-applicable	Non-applicable	Non-applicable
CAS: 1675-54-3	Dermal	Non-applicable	Non-applicable	0,75 mg/kg	Non-applicable
EC: 216-823-5	Inhalation	Non-applicable	Non-applicable	4,93 mg/m <sup>3</sup>	Non-applicable
oxirane, mono[(C12-14-alkyloxy)methyl] derivs.	Oral	Non-applicable	Non-applicable	Non-applicable	Non-applicable
CAS: 68609-97-2	Dermal	Non-applicable	Non-applicable	1 mg/kg	Non-applicable
EC: 271-846-8	Inhalation	Non-applicable	Non-applicable	3,6 mg/m <sup>3</sup>	Non-applicable
reaction product: bisphenol-A-(epichlorhydrin) ( MW < 700 )	Oral	Non-applicable	Non-applicable	Non-applicable	Non-applicable
CAS: 25068-38-6	Dermal	Non-applicable	Non-applicable	0,75 mg/kg	Non-applicable
EC: 500-033-5	Inhalation	Non-applicable	Non-applicable	4,93 mg/m <sup>3</sup>	Non-applicable

#### **DNEL** (General population):

		Short exposure		Long exposure	
Identification		Systemic	Local	Systemic	Local
Formaldehyde, oligomeric reaction products with 1-chloro-2,3- epoxypropane and phenol	Oral	Non-applicable	Non-applicable	6,25 mg/kg	Non-applicable
CAS: 9003-36-5	Dermal	Non-applicable	Non-applicable	62,5 mg/kg	Non-applicable
EC: 500-006-8	Inhalation	Non-applicable	Non-applicable	8,7 mg/m³	Non-applicable
Bis-[4-(2,3-epoxipropoxi)phenyl]propane	Oral	Non-applicable	Non-applicable	0,5 mg/kg	Non-applicable
CAS: 1675-54-3	Dermal	Non-applicable	Non-applicable	0,0893 mg/kg	Non-applicable
EC: 216-823-5	Inhalation	Non-applicable	Non-applicable	0,87 mg/m <sup>3</sup>	Non-applicable
oxirane, mono[(C12-14-alkyloxy)methyl] derivs.	Oral	Non-applicable	Non-applicable	0,5 mg/kg	Non-applicable
CAS: 68609-97-2	Dermal	Non-applicable	Non-applicable	0,5 mg/kg	Non-applicable
EC: 271-846-8	Inhalation	Non-applicable	Non-applicable	0,87 mg/m³	Non-applicable



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#### SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION (continued)

		Shor	rt exposure	Lo	ong exposure
Identification		Systemic	Local	Systemic	Local
reaction product: bisphenol-A-(epichlorhydrin) ( MW < 700 )	Oral	Non-applicable	Non-applicable	0,5 mg/kg	Non-applicable
CAS: 25068-38-6	Dermal	Non-applicable	Non-applicable	0,0893 mg/kg	Non-applicable
EC: 500-033-5	Inhalation	Non-applicable	Non-applicable	0,87 mg/m <sup>3</sup>	Non-applicable
PNEC:					
Identification					
Formaldehyde, oligomeric reaction products with 1-chloro-2,3- epoxypropane and phenol	STP	10 mg/L	Fresh water		0,003 mg/L

Formaldehyde, oligomeric reaction products with 1-chloro-2,3- epoxypropane and phenol	STP	10 mg/L	Fresh water	0,003 mg/L
CAS: 9003-36-5	Soil	0,237 mg/kg	Marine water	0 mg/L
EC: 500-006-8	Intermittent	0,025 mg/L	Sediment (Fresh water)	0,294 mg/kg
	Oral	Non-applicable	Sediment (Marine water)	0,029 mg/kg
Bis-[4-(2,3-epoxipropoxi)phenyl]propane	STP	10 mg/L	Fresh water	0,006 mg/L
CAS: 1675-54-3	Soil	0,065 mg/kg	Marine water	0,001 mg/L
EC: 216-823-5	Intermittent	0,018 mg/L	Sediment (Fresh water)	0,341 mg/kg
	Oral	0,011 g/kg	Sediment (Marine water)	0,034 mg/kg
oxirane, mono[(C12-14-alkyloxy)methyl] derivs.	STP	10 mg/L	Fresh water	0,106 mg/L
CAS: 68609-97-2	Soil	1,234 mg/kg	Marine water	0,011 mg/L
EC: 271-846-8	Intermittent	0,072 mg/L	Sediment (Fresh water)	307,16 mg/kg
	Oral	Non-applicable	Sediment (Marine water)	30,72 mg/kg
reaction product: bisphenol-A-(epichlorhydrin) ( MW < 700 )	STP	10 mg/L	Fresh water	0,006 mg/L
CAS: 25068-38-6	Soil	0,065 mg/kg	Marine water	0,001 mg/L
EC: 500-033-5	Intermittent	0,018 mg/L	Sediment (Fresh water)	0,341 mg/kg
	Oral	0,011 g/kg	Sediment (Marine water)	0,034 mg/kg

#### 8.2 Exposure controls:

A.- Individual protection measures, such as personal protective equipment

As a preventative measure it is recommended to use basic Personal Protective Equipment, with the corresponding <<CE marking>> in accordance with Regulation (EU) 2016/425. 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 respirate tract protection			EN 405:2002+A1:2010	Replace when there is a taste or smell of the contaminant inside the face mask. If the contaminant comes with warnings it is recommended to use isolation equipment.

C.- Specific protection for the hands

Pictogram	PPE	Labelling	CEN Standard	Remarks
Mandatory hand protection	Chemical protective gloves (Material: PVC, Breakthrough time: > 480 min)		EN ISO 21420:2020	Replace the gloves at any sign of deterioration.

As the product is a mixture of several substances, the resistance of the glove material can not be calculated in advance with total reliability and has therefore to be checked prior to the application.

#### D.- Eye and face protection

	Pictogram	PPE	Labelling	CEN Standard	Remarks
	Mandatory face protection	Panoramic glasses against splash/projections.		EN 166:2002 EN ISO 4007:2018	Clean daily and disinfect periodically according to the manufacturer's instructions. Use if there is a risk of splashing.
E	Body protection				



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### SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION (continued)

Pictogram	PPE	Labelling	CEN Standard	Remarks
	Work clothing	CATI		Replace before any evidence of deterioration. For periods of prolonged exposure to the product for professional/industrial users CE III is recommended, in accordance with the regulations in EN ISO 6529:2013, EN ISO 6530:2005, EN ISO 13688:2013, EN 464:1994.
	Anti-slip work shoes		EN ISO 20347:2012	Replace before any evidence of deterioration. For periods of prolonged exposure to the product for professional/industrial users CE III is recommended, in accordance with the regulations in EN ISO 20345:2012 y EN 13832-1:2007

## F.- Additional emergency measures

Emergency measure	Standards	Emergency measure	Standards
	ANSI Z358-1 ISO 3864-1:2011, ISO 3864-4:2011	<b>•</b> +	DIN 12 899 ISO 3864-1:2011, ISO 3864-4:2011
Emergency shower		Eyewash stations	

#### Environmental exposure controls:

In accordance with the community legislation for the protection of the environment it is recommended to avoid environmental spillage of both the product and its container. For additional information see subsection 7.1.D

#### Volatile organic compounds:

With regard to Directive 2010/75/EU, this product has the following characteristics:

V.O.C. (Supply):	0 % weight
V.O.C. density at 20 °C:	0 kg/m <sup>3</sup> (0 g/L)
Average carbon number:	Non-applicable
Average molecular weight:	Non-applicable

# SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical prop	erties:	
Appearance:		
Physical state at 20 °C:	Liquid	
Appearance:	Characteristic	
Colour:	Yellowish	
Odour:	Ammoniacal	
Odour threshold:	Non-applicable *	
Volatility:		
Boiling point at atmospheric pressure:	Non-applicable *	
Vapour pressure at 20 °C:	Non-applicable *	
Vapour pressure at 50 °C:	<300000 Pa (300 kPa)	
Evaporation rate at 20 °C:	Non-applicable *	
Product description:		
Density at 20 °C:	970 kg/m³	
Relative density at 20 °C:	0,97	
Dynamic viscosity at 20 °C:	Non-applicable *	
Kinematic viscosity at 20 °C:	Non-applicable *	
Kinematic viscosity at 40 °C:	Non-applicable *	
Concentration:	Non-applicable *	
pH:	Non-applicable *	
Vapour density at 20 °C:	Non-applicable *	
*Not relevant due to the nature of the product, not providing info	rmation property of its hazards.	





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SEC	FION 9: PHYSICAL AND CHEMICAL PROPERTIES (conti	nued)
	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 *
	Flammability:	
	Flash Point:	Non Flammable (>60 °C)
	Flammability (solid, gas):	Non-applicable *
	Autoignition temperature:	Non-applicable *
	Lower flammability limit:	Non-applicable *
	Upper flammability limit:	Non-applicable *
	Particle characteristics:	
	Median equivalent diameter:	Non-applicable
9.2	Other information:	
	Information with regard to physical hazard classes:	
	Explosive properties:	Non-applicable *
	Oxidising properties:	Non-applicable *
	Corrosive to metals:	Non-applicable *
	Heat of combustion:	Non-applicable *
	Aerosols-total percentage (by mass) of flammable components:	Non-applicable *
	Other safety characteristics:	
	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

#### 10.1 Reactivity:

No hazardous reactions are expected because the product is stable under recommended storage conditions. See section 7.

#### 10.2 Chemical stability:

Chemically stable under the indicated conditions of storage, handling and use.

#### 10.3 Possibility of hazardous reactions:

Under the specified conditions, hazardous reactions that lead to excessive temperatures or pressure are not expected.

#### 10.4 Conditions to avoid:

Applicable for handling and storage at room temperature:

	Humidity
Not applicable Not applicable Not applicable	Not applicable

#### 10.5 Incompatible materials:

Acids	Water	Oxidising materials	Combustible materials	Others
Avoid strong acids	Not applicable	Not applicable	Not applicable	Avoid alkalis or strong bases

#### 10.6 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 (CO), carbon monoxide and other organic compounds.

#### SECTION 11: TOXICOLOGICAL INFORMATION \*\*

\*\* Changes with regards to the previous version



# LATAPOXY WATERPROOF FLASHING MORTAR Part.B 0024-0001-2B



#### SECTION 11: TOXICOLOGICAL INFORMATION \*\* (continued)

#### 11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008:

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 hazardous 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 hazardous 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 hazardous 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 hazardous for the effects mentioned. For more information see section 3.

- IARC: Bis-[4-(2,3-epoxipropoxi)phenyl]propane (3)
- Mutagenicity: Based on available data, the classification criteria are not met, as it does not contain substances classified as hazardous 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 hazardous 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 hazardous with sensitising effects. For more information see section 3.

- Skin: 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 hazardous 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 hazardous 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 hazardous 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 hazardous for this effect. For more information see section 3.

Other information:

Non-applicable

#### Specific toxicology information on the substances:

Identification	Acu	Genus	
Bis-[4-(2,3-epoxipropoxi)phenyl]propane	LD50 oral	Non-applicable	
CAS: 1675-54-3	LD50 dermal	20000 mg/kg	Rabbit
EC: 216-823-5	LC50 inhalation	Non-applicable	

#### 11.2 Information on other hazards:

#### Endocrine disrupting properties

Endocrine-disrupting properties: The product fails to meet the criteria.

#### Other information

Non-applicable

\* Changes with regards to the previous version



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#### SECTION 12: ECOLOGICAL INFORMATION \*\*

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

#### 12.1 Toxicity:

# Acute toxicity:

Identification		Concentration	Species	Genus
Formaldehyde, oligomeric reaction products with 1-chloro-2,3-epoxypropane and phenol	LC50	>1 - 10 mg/L (96 h)		Fish
CAS: 9003-36-5	EC50	>1 - 10 mg/L (48 h)		Crustacean
EC: 500-006-8	EC50	>1 - 10 mg/L (72 h)		Algae
reaction product: bisphenol-A-(epichlorhydrin) ( MW < 700 )	LC50	>1 - 10 mg/L (96 h)		Fish
CAS: 25068-38-6	EC50	>1 - 10 mg/L (48 h)		Crustacean
EC: 500-033-5	EC50	>1 - 10 mg/L (72 h)		Algae

#### Chronic toxicity:

Identification		Concentration	Species	Genus
reaction product: bisphenol-A-(epichlorhydrin) ( MW < 700 )	NOEC	Non-applicable		
CAS: 25068-38-6 EC: 500-033-5	NOEC	0,3 mg/L	Daphnia magna	Crustacean

#### 12.2 Persistence and degradability:

#### Substance-specific information:

Identification	Degr	adability	Biodegradabi	lity
reaction product: bisphenol-A-(epichlorhydrin) ( MW < 700 )	BOD5	Non-applicable	Concentration	100 mg/L
CAS: 25068-38-6	COD	Non-applicable	Period	28 days
EC: 500-033-5	BOD5/COD	Non-applicable	% Biodegradable	0 %

#### 12.3 Bioaccumulative potential:

#### Substance-specific information:

Identification	Bioacc	umulation potential
reaction product: bisphenol-A-(epichlorhydrin) ( MW < 700 )	BCF	4
CAS: 25068-38-6	Pow Log	2.8
EC: 500-033-5	Potential	Low

#### 12.4 Mobility in soil:

Not available

#### 12.5 Results of PBT and vPvB assessment:

Product fails to meet PBT/vPvB criteria

#### 12.6 Endocrine disrupting properties:

Endocrine-disrupting properties: The product fails to meet the criteria.

#### 12.7 Other adverse effects:

Not described

#### \*\* Changes with regards to the previous version

#### SECTION 13: DISPOSAL CONSIDERATIONS

#### 13.1 Waste treatment methods:

I	Code	Description	Waste class (Regulation (EU) No 1357/2014)
	08 01 11*	waste paint and varnish 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. Waste should not be disposed of to drains. See paragraph 6.2. Regulations related to waste management:



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## SECTION 13: DISPOSAL CONSIDERATIONS (continued)

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 2	2021 and	RID 2021:	
-	14.1	UN number or ID number:	UN3082
	14.2	UN proper shipping name:	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Formaldehyde, oligomeric reaction products with 1-chloro-2,3-epoxypropane and phenol)
$\otimes$ $\checkmark$	14.3	Transport hazard class(es):	9
		Labels:	9
	14.4	Packing group:	III
	14.5	Environmental hazards:	Yes
	14.6	Special precautions for user	
		Special regulations:	274, 335, 375, 601
		Tunnel restriction code:	-
		Physico-Chemical properties:	see section 9
		Limited quantities:	5L
	14.7	Maritime transport in bulk according to IMO instruments:	Non-applicable
Transport of danger	rous goo	ods by sea:	
With regard to IMDG	40-20:		
	14.1	UN number or ID number:	UN3082
	14.2	UN proper shipping name:	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Formaldehyde, oligomeric reaction products with 1-chloro-2,3-epoxypropane and phenol)
	14.3	Transport hazard class(es):	9
		Labels:	9
	14.4	Packing group:	III
	14.5	Marine pollutant:	Yes
	14.6	Special precautions for user	
		Special regulations:	335, 969, 274
		EmS Codes:	F-A, S-F
		Physico-Chemical properties:	see section 9
		Limited quantities:	5 L
		Segregation group:	Non-applicable
	14.7	Maritime transport in bulk according to IMO instruments:	Non-applicable
Transport of danger	rous goo	ods by air:	
With regard to IATA/I	CAO 202	23:	
	14.1	UN number or ID number:	UN3082
	14.2	UN proper shipping name:	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Formaldehyde, oligomeric reaction products with 1-chloro-2,3-epoxypropane and phenol)
	14.3	Transport hazard class(es): Labels:	9 9
	14.4	Packing group:	
	14.5	Environmental hazards:	Yes
	14.6	Special precautions for user	
		Physico-Chemical properties:	see section 9
	14.7	Maritime transport in bulk according to IMO instruments:	Non-applicable





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#### SECTION 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:

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 ....):

Shall not be used in:

-ornamental articles intended to produce light or colour effects by means of different phases, for example in ornamental lamps and ashtrays, --tricks and iokes.

-games for one or more participants, or any article intended to be used as such, even with ornamental aspects.

## 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:

The SDS shall be supplied in an official language of the country where the product is placed on the market. 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 (COMMISSION REGULATION (EU) 2020/878). Modifications related to the previous Safety Data Sheet which concerns the ways of managing risks.:

COMPOSITION/INFORMATION ON INGREDIENTS (SECTION 3, SECTION 11, SECTION 12):

New declared substances

Bis-[4-(2,3-epoxipropoxi)phenyl]propane (1675-54-3)

reaction product: bisphenol-A-(epichlorhydrin) ( MW < 700 ) (25068-38-6)

Substances that contribute to the classification (SECTION 2):

New declared substances

Bis-[4-(2,3-epoxipropoxi)phenyl]propane (1675-54-3)

reaction product: bisphenol-A-(epichlorhydrin) ( MW < 700 ) (25068-38-6)

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:

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.



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# SECTION 16: OTHER INFORMATION (continued) 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: 5day biochemical oxygen demand BCF: Bioconcentration foctor LD50: Lethal Dose 50 LC50: Lethal Dose 50 EC50: Effective concentration 50 EC50: Effective concentration 50 LogPOW: Octanolwater partition coefficient Koc: Partition coefficient of organic carbon UFI: unique formula identifier IARC: International Agency for Research on Cancer

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.

- END OF SAFETY DATA SHEET -