

Revision Date: 30.01.2025 Date of last issue: 22.01.2025 Version 1.2

Print Date 07.02.2025

## SECTION 1: Identification of the substance/mixture and of the company/undertaking

#### **1.1 Product identifier**

Trade name

: PCI Durapox<sup>®</sup> NT Part A

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

Product use : Joint mortar, Product is not intended for consumer use, For professional users only.

#### 1.3 Details of the supplier of the safety data sheet

Company name of supplier	:	Sika Nederland B.V.
		Zonnebaan 56
		3542 EG Utrecht
		Nederland
Telephone	:	+31-30-2410120
Telefax	:	+31-30-2414482
E-mail address of person	:	EHS@nl.sika.com
responsible for the SDS		

#### **1.4 Emergency telephone number**

+31-57-0854201

# **SECTION 2: Hazards identification**

### 2.1 Classification of the substance or mixture

Classification (REGULATION (EC) No 12	72/2008)
Skin irritation, Category 2	H315: Causes skin irritation.
Eye irritation, Category 2	H319: Causes serious eye irritation.
Skin sensitisation, Category 1	H317: May cause an allergic skin reaction.
Long-term (chronic) aquatic hazard, Cat- egory 2	H411: Toxic to aquatic life with long lasting effects.

#### 2.2 Label elements

#### Labelling (REGULATION (EC) No 1272/2008)

Hazard pictograms



Signal word

Warning

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according to Regulation (EC) No. 1907/2006, as amended by Commission Regulation (EU) 2020/878

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Hazard statements :	H317 Ma H319 Ca	uses skin irritation. y cause an allergic skin reaction. uses serious eye irritation. kic to aquatic life with long lasting e	effects.
Precautionary statements :	<b>Prevention:</b> P261 P264 P273 P280	Avoid breathing mist or vapours. Wash skin thoroughly after hand Avoid release to the environmen Wear protective gloves/ eye prot protection.	lling. t.
	<b>Response:</b> P333 + P313	If skin irritation or rash occurs: G	et medical
	P391	advice/ attention. Collect spillage.	

#### Hazardous components which must be listed on the label:

bis-[4-(2,3-epoxipropoxi)phenyl]propane Reaction mass of isomers of epoxy resin BFDGE Fatty acids, C16-18 and C18-unsatd., Me esters, epoxidized benzyl alcohol reaction products of 2,2-dimethylpropane- 1,3-diol with 1-chloro-2,3-epoxypropane

#### 2.3 Other hazards

This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

Ecological information: The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

Toxicological information: The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

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# **SECTION 3: Composition/information on ingredients**

#### 3.2 Mixtures

#### Components

Chemical name	CAS-No. EC-No. Registration number	Classification	Concentration (% w/w)
bis-[4-(2,3- epoxipropoxi)phenyl]propane	1675-54-3 216-823-5 01-2119456619-26- XXXX	Skin Irrit. 2; H315 Eye Irrit. 2; H319 Skin Sens. 1; H317 Aquatic Chronic 2; H411	>= 40 - < 60
		specific concentration limit Eye Irrit. 2; H319 >= 5 %	
		specific concentration limit Skin Irrit. 2; H315 >= 5 %	
Reaction mass of isomers of epoxy resin BFDGE	Not Assigned 701-263-0 01-2119454392-40- XXXX	Skin Irrit. 2; H315 Skin Sens. 1A; H317 Aquatic Chronic 2; H411	>= 20 - < 25
Fatty acids, C16-18 and C18- unsatd., Me esters, epoxidized	158318-67-3 Not Assigned	Skin Sens. 1B; H317	>= 10 - < 20
benzyl alcohol	100-51-6 202-859-9 01-2119492630-38- XXXX	,	
reaction products of 2,2- dimethylpropane- 1,3-diol with 1- chloro-2,3-epoxypropane	Not Assigned 701-333-0 01-2120759332-55- XXXX	Skin Irrit. 2; H315 Eye Irrit. 2; H319 Skin Sens. 1; H317 Aquatic Chronic 3; H412	>= 2,5 - < 5

For explanation of abbreviations see section 16.



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### **SECTION 4: First aid measures**

#### 4.1 Description of first aid measures

General advice	: Move out of dangerous area. Consult a physician. Show this safety data sheet to the doctor in attendance.
If inhaled	: Move to fresh air. Consult a physician after significant exposure.
In case of skin contact	<ul> <li>Take off contaminated clothing and shoes immediately.</li> <li>Wash off with soap and plenty of water.</li> <li>If symptoms persist, call a physician.</li> </ul>
In case of eye contact	<ul> <li>Immediately flush eye(s) with plenty of water.</li> <li>Remove contact lenses.</li> <li>Keep eye wide open while rinsing.</li> <li>If eye irritation persists, consult a specialist.</li> </ul>
If swallowed	<ul> <li>Do not induce vomiting without medical advice.</li> <li>Rinse mouth with water.</li> <li>Do not give milk or alcoholic beverages.</li> <li>Never give anything by mouth to an unconscious person.</li> </ul>
4.2 Most important symptoms	and effects, both acute and delayed
Symptoms	: Allergic reactions Excessive lachrymation Erythema Dermatitis See Section 11 for more detailed information on health effects and symptoms.
Risks	: Causes skin irritation. May cause an allergic skin reaction. Causes serious eye irritation.
	irritant effects sensitising effects
4.3 Indication of any immediat	e medical attention and special treatment needed
Treatment	: Treat symptomatically.

## **SECTION 5: Firefighting measures**

5.1 Extinguishing media			
Suitable extinguishing media	:	In case of fire, use water/water spray/water jet/carbon diox- ide/sand/foam/alcohol resistant foam/chemical powder for extinction.	

according to Regulation (EC) No. 1907/2006, as amended by Commission Regulation (EU) 2020/878

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5.2 Special hazards arising from	5.2 Special hazards arising from the substance or mixture					
Specific hazards during fire- fighting	:	Do not allow run-off from fire fighting to enter drains or water courses.				
Hazardous combustion prod- ucts	:	No hazardous combustion products are known				
5.3 Advice for firefighters						
Special protective equipment for firefighters	:	In the event of fire, wear self-contained breathing apparatus.				
Further information	:	Collect contaminated fire extinguishing water separately. This must not be discharged into drains. Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations.				

## **SECTION 6: Accidental release measures**

# 6.1 Personal precautions, protective equipment and emergency procedures

Personal precautions	:	Use personal protective equipment. Deny access to unprotected persons.
6.2 Environmental precautions		
Environmental precautions	:	Do not flush into surface water or sanitary sewer system. If the product contaminates rivers and lakes or drains inform respective authorities.
6.3 Methods and material for co	ontai	nment and cleaning up
Methods for cleaning up	:	Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust). Keep in suitable, closed containers for disposal.

### 6.4 Reference to other sections

For personal protection see section 8.

# **SECTION 7: Handling and storage**

#### 7.1 Precautions for safe handling

Advice on safe handling	: Avoid exceeding the given occupational exposure limits (see section 8).
	Do not get in eyes, on skin, or on clothing.
	For personal protection see section 8.
	Persons with a history of skin sensitisation problems or asth-
	ma, allergies, chronic or recurrent respiratory disease should

according to Regulation (EC) No. 1907/2006, as amended by Commission Regulation (EU) 2020/878

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		not be employed in any process in which this mi used. Smoking, eating and drinking should be prohibit plication area. Follow standard hygiene measures when handli products	ed in the ap-
Advice on protection against fire and explosion	:	Normal measures for preventive fire protection.	
Hygiene measures	:	Handle in accordance with good industrial hygie practice. When using do not eat or drink. When smoke. Wash hands before breaks and at the e	using do not
7.2 Conditions for safe storage,	inc	luding any incompatibilities	
Requirements for storage areas and containers	:	Keep container tightly closed in a dry and well-v place. Store in accordance with local regulations	
Further information on stor- age stability	:	No decomposition if stored and applied as direc	ted.
7.3 Specific end use(s)			
Specific use(s)	:	Consult most current local Product Data Sheet puse.	prior to any

# **SECTION 8: Exposure controls/personal protection**

### 8.1 Control parameters

#### **Occupational Exposure Limits**

Components	CAS-No.	Value type (Form	Control parame-	Basis *
		of exposure)	ters *	

Contains no substances with occupational exposure limit values.

#### 8.2 Exposure controls

#### **Engineering measures**

Maintain air concentrations below occupational exposure standards. Ensure adequate ventilation, especially in confined areas.

Personal protective equipment					
Eye/face protection	: Safety glasses with side-shields conforming to EN166 Eye wash bottle with pure water				
Hand protection	: Chemical-resistant, impervious gloves complying with an ap- proved standard must be worn at all times when handling chemical products. Reference number EN 374. Follow manu facturer specifications. Suitable for short time use or protection against splashes:				

according to Regulation (EC) No. 1907/2006, as amended by Commission Regulation (EU) 2020/878

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	Conta Suitab Viton	rubber/nitrile rubber gloves (> 0, minated gloves should be remove ble for permanent exposure: gloves (0.4 mm), through time >30 min.	
Skin and body protection	long-s and p	ctive clothing (e.g. Safety shoes a sleeved working clothing, long tro rotective boots are additionaly re tirring work.	ousers). Rubber aprons
Respiratory protection	: No sp	ecial measures required.	
Environmental exposure c	ontrols		
General advice	If the	t flush into surface water or sani product contaminates rivers and ctive authorities.	

# **SECTION 9: Physical and chemical properties**

### 9.1 Information on basic physical and chemical properties

Physical state Appearance Colour	:	solid paste white
Odour	:	slight
Melting point/ range / Freez- ing point	:	No data available
Boiling point/boiling range	:	No data available
Flammability (solid, gas)	:	No data available
Upper/lower flammability or e	exp	losive limits
Upper explosion limit / Upper flammability limit		No data available
Lower explosion limit / Lower flammability limit	:	No data available
Flash point	:	Not applicable
Auto-ignition temperature	:	No data available

according to Regulation (EC) No. 1907/2006, as amended by Commission Regulation (EU) 2020/878

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Decomposition temperature	:	No data available	
рН	:	Not applicable substance/mixture is non-soluble (in water)	
Viscosity			
Viscosity, dynamic	:	Not applicable	
Viscosity, kinematic	:	Not applicable	
Solubility(ies)			
Water solubility	:	No data available	
Partition coefficient: n- octanol/water	:	No data available	
Vapour pressure	:	0,01 hPa	
Density	:	ca. 1,2 g/cm3 (20 °C)	
,			
Relative vapour density	:	No data available	
Particle characteristics	:	No data available	

### 9.2 Other information

No data available

# **SECTION 10: Stability and reactivity**

### 10.1 Reactivity

No dangerous reaction known under conditions of normal use.

#### 10.2 Chemical stability

The product is chemically stable.

### 10.3 Possibility of hazardous reactions

Hazardous reactions : Stable under recommended storage conditions.

## 10.4 Conditions to avoid

according to Regulation (EC) No. 1907/2006, as amended by Commission Regulation (EU) 2020/878

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Revision Date: 30.01.2025 Version 1.2 Print Date 07.02.2 Date of last issue: 22.01.2025 Conditions to avoid : No data available 10.5 Incompatible materials Materials to avoid : No data available 10.6 Hazardous decomposition products : No hazardous decomposition products are known. SECTION 11: Toxicological information 11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008 Acute toxicity Not classified due to lack of data. Components: bis[4/(2,3-epox/propox/)phenyl]propane: Acute oral toxicity : LD50 Oral (Rat): > 5.000 mg/kg Acute dermal toxicity : LD50 Oral (Rat): > 5.000 mg/kg Denzyl alcohol: Acute oral toxicity : LD50 Dermal (Rabbit): > 5.000 mg/kg LD50 Oral (Rat): 1.200 mg/kg LD50 Oral (Rat): 1.200 mg/kg Acute oral toxicity : LD50 Oral (Rat): 2.000 mg/kg Acute oral toxicity : LD50 Oral (Rat): 2.000 mg/kg Acute oral toxicity : LD50 (Rat): 3.595 mg/kg Acute oral toxicity : LD50 (Rat): 3.595 mg/kg Acute oral toxicity : LD50 (Rat): 2.000 mg/kg Method: OECD Test Guideline 402 Skin corrosion/irritation Causes serious eye irritation Causes serious eye irritation Causes serious eye irritation Causes serious eye irritation Skin sensitisation Skin sensitisation				
10.5 Incompatible materials:         Materials to avoid       : No data available         10.6 Hazardous decomposition products         ::       : No hazardous decomposition products are known.         ::       : No hazardous decomposition products are known.         SECTION 11: Toxicological information         11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008         Acute toxicity         Not classified due to lack of data.         Components:         bis[4-(2,3-epoxipropoxi)phenyl]propane:         Acute oral toxicity       : LD50 Oral (Rat): > 5.000 mg/kg         Acute oral toxicity       : LD50 Oral (Rat): > 5.000 mg/kg         benzyl alcohol:       .         Acute oral toxicity       : LD50 Oral (Rat): > 5.000 mg/kg         Acute oral toxicity       : Acute toxicity estimate: 1.200 mg/kg         benzyl alcohol:       .         Acute oral toxicity       : Acute toxicity estimate according to Regulation (EC) No. 1272/2008         LD50 Oral (Rat): 1.200 mg/kg       .         Acute oral toxicity       : LD50 (Rat): 3.595 mg/kg         Acute oral toxicity </td <td></td> <td></td> <td>Version 1.2</td> <td>Print Date 07.02.202</td>			Version 1.2	Print Date 07.02.202
Materials to avoid       : No data available         0.6 Hazardous decomposition products         :       No hazardous decomposition products are known.         SECTION 11: Toxicological information         1.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008         Acute toxicity         Not classified due to lack of data.         Components:         bis-[4-(2,3-epoxipropoxi)phenyl]propane:         Acute oral toxicity       : LD50 Oral (Rat): > 5.000 mg/kg         Acute dermal toxicity       : LD50 Dermal (Rabbit): > 5.000 mg/kg         benzyl alcohol:       .         Acute oral toxicity       : LD50 Dermal (Rabbit): > 5.000 mg/kg         Benzyl alcohol:       .         Acute oral toxicity       : LD50 Dermal (Rabbit): > 5.000 mg/kg         Benzyl alcohol:       .         Acute oral toxicity       : LD50 Dermal (Rabbit): > 2.000 mg/kg         Benzyl alcohol:       .         Acute oral toxicity       : LD50 (Rat): 3.595 mg/kg         Acute oral toxicity       : LD50 (Rat): > 2.000 mg/kg         Method: OECD Test Guideline 402       .         Skin corrosion/irritation       .         Causes skin irritation.       .         Serious eye damage/eye irritation       .         Causes skin irritation.	Conditions to avoid	: No	data available	
0.6 Hazardous decomposition products         :       No hazardous decomposition products are known.         EECTION 11: Toxicological information         1.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008         Acute toxicity         No tclassified due to lack of data.         Components:         bis-[4-(2,3-epoxipropoxi)pheny]]propane:         Acute oral toxicity       :         LD50 Oral (Rat): > 5.000 mg/kg         Acute oral toxicity       :         Method: Acute toxicity setimate: 1.200 mg/kg         Denzyl alcohol:       .         Acute oral toxicity       :         D50 Oral (Rat): 1.200 mg/kg       :         Teaction products of 2,2-dimethylpropane- 1,3-diol with 1-chloro-2,3-epoxypropane:         Acute oral toxicity       :         D50 (Rat): > 2.000 mg/kg         Method: OECD Test Guideline 402         Skin corrosion/irritation. <td>0.5 Incompatible materials</td> <td></td> <td></td> <td></td>	0.5 Incompatible materials			
Bio hazardous decomposition products are known.         ECTION 11: Toxicological information         1.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008         Acute toxicity         Not classified due to lack of data.         Components:         bis-[4-(2,3-epoxipropoxi)phenyl]propane:         Acute oral toxicity       £ LD50 Oral (Rat): > 5.000 mg/kg         Acute dermal toxicity       £ LD50 Dermal (Rabbit): > 5.000 mg/kg         benzyl alcohol:       .         Acute oral toxicity       £ Acute toxicity estimate: 1.200 mg/kg         Benzyl alcohol:       .         Acute oral toxicity       £ Acute toxicity estimate according to Regulation (EC)         No. 1272/2008       .         LD50 Oral (Rat): 1.200 mg/kg       .         Reation products of 2,2-dimethylpropane-1,3-diol with 1-chloro-2,3-epoxypropane:         Acute oral toxicity       £ LD50 (Rat): 3.595 mg/kg         Acute dermal toxicity       £ LD50 (Rat): > 2.000 mg/kg         Method: OECD Test Guideline 402       .         Skin corrosion/irritation       .         Causes skin irritation.       .         Serious eye damage/eye irritation       .         Causes serious eye irritation.       .         Respiratory or skin sensitisation       .   <	Materials to avoid	: No	data available	
SECTION 11: Toxicological information         1.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008         Acute toxicity         Not classified due to lack of data.         Components:         bis-[4-(2,3-epoxipropoxi)phenyl]propane:         Acute oral toxicity       :         LD50 Oral (Rat): > 5.000 mg/kg         Acute dermal toxicity       :         LD50 Dermal (Rabbit): > 5.000 mg/kg         benzyl alcohol:         Acute oral toxicity       :         D50 Oral (Rat): 1.200 mg/kg         Acute oral toxicity       :         LD50 (Rat): 3.595 mg/kg         Acute oral toxicity       :         LD50 (Rat): 3.595 mg/kg         Acute oral toxicity       :         LD50 (Rat): 3.595 mg/kg         Causes skin irritation.         Serious eye damage/eye irritation <td>0.6 Hazardous decompositio</td> <td>n products</td> <td>í.</td> <td></td>	0.6 Hazardous decompositio	n products	í.	
1.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008   Acute toxicity   Not classified due to lack of data.   Components:   bis-[4-(2,3-epoxipropoxi)phenyl]propane:   Acute oral toxicity :   LD50 Oral (Rat): > 5.000 mg/kg   Acute dermal toxicity :   LD50 Dermal (Rabbit): > 5.000 mg/kg   benzyl alcohol:   Acute oral toxicity :   LD50 Oral (Rat): 1.200 mg/kg   Acute oral toxicity :   LD50 (Rat): 3.595 mg/kg   Acute dermal toxicity :   LD50 (Rat): 3.595 mg/kg   Acute oral toxicity :   LD50 (Rat): 3.595 mg/kg   Acute oral toxicity :   Causes skin irritation.   Serious eye damage/eye irritation   Causes serious eye irritation.   Respiratory or skin sensitisation		: No	hazardous decomposition products	are known.
Acute toxicity         Not classified due to lack of data.         Components:         bis-[4-(2,3-epoxipropoxi)phenyl]propane:         Acute oral toxicity       :         LD50 Oral (Rat): > 5.000 mg/kg         Acute dermal toxicity       :         benzyl alcohol:         Acute oral toxicity       :         LD50 Oral (Rat): 1.200 mg/kg         Acute oral toxicity       :         LD50 (Rat): 3.595 mg/kg         Acute dermal toxicity       :         LD50 (Rat): > 2.000 mg/kg         Method: OECD Test Guideline 402         Skin corrosion/irritation.         Gauses skin irritation.         Serious eye damage/eye irritation.         Gauses serious	-			
Not classified use to lack of data.         Components:         bis-[4-(2,3-epoxipropoxi)pheryl]propane:         Acute oral toxicity       :         LD50 Oral (Rat): > 5.000 mg/kg         Acute dermal toxicity       :         benzyl alcohol:         Acute oral toxicity       :         LD50 Oral (Rat): 1.200 mg/kg         Acute oral toxicity       :         LD50 (Rat): 3.595 mg/kg         Acute oral toxicity       :         LD50 (Rat): > 2.000 mg/kg         Method: OECD Test Guideline 402         Skin corrosion/irritation.         Causes skin irritation.         Serious eye damage/eye irritation.         Causes serious eye irritation. <td< td=""><td></td><td>isses as de</td><td>fined in Regulation (EC) No 1272</td><td>2/2008</td></td<>		isses as de	fined in Regulation (EC) No 1272	2/2008
bis-[4-(2,3-epoxipropoxi) phenyl]propane:         Acute oral toxicity       : LD50 Oral (Rat): > 5.000 mg/kg         Acute dermal toxicity       : LD50 Dermal (Rabbit): > 5.000 mg/kg         benzyl alcohol:		data.		
Acute oral toxicity       :       LD50 Oral (Rat): > 5.000 mg/kg         Acute dermal toxicity       :       LD50 Dermal (Rabbit): > 5.000 mg/kg         benzyl alcohol:       .         Acute oral toxicity       :       Acute toxicity estimate: 1.200 mg/kg Method: Acute toxicity estimate according to Regulation (EC) No. 1272/2008         LD50 Oral (Rat): 1.200 mg/kg       .       LD50 Oral (Rat): 1.200 mg/kg         reaction products of 2,2-dimethylpropane- 1,3-diol with 1-chloro-2,3-epoxypropane:       Acute oral toxicity         Acute oral toxicity       :       LD50 (Rat): 3.595 mg/kg         Acute dermal toxicity       :       LD50 (Rat): > 2.000 mg/kg Method: OECD Test Guideline 402         Skin corrosion/irritation       Causes skin irritation.         Serious eye damage/eye irritation       Causes serious eye irritation.         Respiratory or skin sensitisation       Kespiratory or skin sensitisation	Components:			
Acute dermal toxicity       : LD50 Dermal (Rabbit): > 5.000 mg/kg         benzyl alcohol:       .         Acute oral toxicity       : Acute toxicity estimate: 1.200 mg/kg Method: Acute toxicity estimate according to Regulation (EC) No. 1272/2008         LD50 Oral (Rat): 1.200 mg/kg       .         reaction products of 2,2-dimethylpropane- 1,3-diol with 1-chloro-2,3-epoxypropane:         Acute oral toxicity       : LD50 (Rat): 3.595 mg/kg         Acute dermal toxicity       : LD50 (Rat): 3.595 mg/kg         Acute dermal toxicity       : LD50 (Rat): 2.000 mg/kg         Method: OECD Test Guideline 402         Skin corrosion/irritation         Causes skin irritation.         Serious eye damage/eye irritation         Causes serious eye irritation.         Respiratory or skin sensitisation	bis-[4-(2,3-epoxipropoxi)p	henyl]pro	pane:	
benzyl alcohol:         Acute oral toxicity       : Acute toxicity estimate: 1.200 mg/kg Method: Acute toxicity estimate according to Regulation (EC) No. 1272/2008         LD50 Oral (Rat): 1.200 mg/kg         reaction products of 2,2-dimethylpropane- 1,3-diol with 1-chloro-2,3-epoxypropane:         Acute oral toxicity       : LD50 (Rat): 3.595 mg/kg         Acute dermal toxicity       : LD50 (Rat): > 2.000 mg/kg Method: OECD Test Guideline 402         Skin corrosion/irritation       Causes skin irritation.         Serious eye damage/eye irritation       Causes serious eye irritation.         Respiratory or skin sensitisation	Acute oral toxicity	: LD5	0 Oral (Rat): > 5.000 mg/kg	
Acute oral toxicity       : Acute toxicity estimate: 1.200 mg/kg Method: Acute toxicity estimate according to Regulation (EC) No. 1272/2008         reaction products of 2,2-dimethylpropane- 1,3-diol with 1-chloro-2,3-epoxypropane:         Acute oral toxicity       : LD50 (Rat): 3.595 mg/kg         Acute dermal toxicity       : LD50 (Rat): 3.595 mg/kg         Acute dermal toxicity       : LD50 (Rat): > 2.000 mg/kg Method: OECD Test Guideline 402         Skin corrosion/irritation       Causes skin irritation.         Serious eye damage/eye irritation.         Causes serious eye irritation.         Respiratory or skin sensitisation	Acute dermal toxicity	: LD5	0 Dermal (Rabbit): > 5.000 mg/kg	
Method: Acute toxicity estimate according to Regulation (EC) No. 1272/2008         LD50 Oral (Rat): 1.200 mg/kg         reaction products of 2,2-dimethylpropane- 1,3-diol with 1-chloro-2,3-epoxypropane:         Acute oral toxicity       :         LD50 (Rat): 3.595 mg/kg         Acute dermal toxicity       :         LD50 (Rat): > 2.000 mg/kg Method: OECD Test Guideline 402         Skin corrosion/irritation         Causes skin irritation.         Serious eye damage/eye irritation         Causes serious eye irritation.         Respiratory or skin sensitisation	benzyl alcohol:			
reaction products of 2,2-dimethylpropane- 1,3-diol with 1-chloro-2,3-epoxypropane:         Acute oral toxicity       : LD50 (Rat): 3.595 mg/kg         Acute dermal toxicity       : LD50 (Rat): > 2.000 mg/kg         Method: OECD Test Guideline 402         Skin corrosion/irritation         Causes skin irritation.         Serious eye damage/eye irritation         Causes serious eye irritation.         Respiratory or skin sensitisation	Acute oral toxicity	Met	hod: Acute toxicity estimate according	ng to Regulation (EC)
Acute oral toxicity       : LD50 (Rat): 3.595 mg/kg         Acute dermal toxicity       : LD50 (Rat): > 2.000 mg/kg Method: OECD Test Guideline 402         Skin corrosion/irritation       Causes skin irritation.         Serious eye damage/eye irritation       Causes serious eye irritation.         Respiratory or skin sensitisation       Respiratory or skin sensitisation		LD5	0 Oral (Rat): 1.200 mg/kg	
Acute dermal toxicity       : LD50 (Rat): > 2.000 mg/kg Method: OECD Test Guideline 402         Skin corrosion/irritation Causes skin irritation.         Serious eye damage/eye irritation Causes serious eye irritation.         Respiratory or skin sensitisation	reaction products of 2,2-c	limethylpro	opane- 1,3-diol with 1-chloro-2,3-e	epoxypropane:
Method: OECD Test Guideline 402 Skin corrosion/irritation Causes skin irritation. Serious eye damage/eye irritation Causes serious eye irritation. Respiratory or skin sensitisation	Acute oral toxicity	: LD5	0 (Rat): 3.595 mg/kg	
Causes skin irritation. Serious eye damage/eye irritation Causes serious eye irritation. Respiratory or skin sensitisation	Acute dermal toxicity			
Causes serious eye irritation. Respiratory or skin sensitisation				
Respiratory or skin sensitisation	Serious eye damage/eye i	rritation		
	-			
Skin sensitisation	Respiratory or skin sensit	lisation		
	Skin sensitisation			

May cause an allergic skin reaction.

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### Respiratory sensitisation

Not classified due to lack of data.

## Germ cell mutagenicity

Not classified due to lack of data.

# Carcinogenicity

Not classified due to lack of data.

### Reproductive toxicity

Not classified due to lack of data.

#### STOT - single exposure

Not classified due to lack of data.

### STOT - repeated exposure

Not classified due to lack of data.

# Aspiration toxicity

Not classified due to lack of data.

### 11.2 Information on other hazards

#### **Endocrine disrupting properties**

### Product:

Assessment

: The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

# **SECTION 12: Ecological information**

### 12.1 Toxicity

**Components:** 

#### bis-[4-(2,3-epoxipropoxi)phenyl]propane: LC50 (Oncorhynchus mykiss (rainbow trout)): 2 mg/l Toxicity to fish Exposure time: 96 h Toxicity to daphnia and other : EC50 (Daphnia magna (Water flea)): 1,8 mg/l aquatic invertebrates Exposure time: 48 h Reaction mass of isomers of epoxy resin BFDGE: Toxicity to fish LC50 (Leuciscus idus (Golden orfe)): 2,54 mg/l : Exposure time: 96 h Toxicity to daphnia and other : LC50 (Daphnia magna (Water flea)): 2,55 mg/l Exposure time: 48 h aquatic invertebrates

according to Regulation (EC) No. 1907/2006, as amended by Commission Regulation (EU) 2020/878

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Toxicity to algae/aquatic plants	:	EC50 (algae): 1,8 mg/l Exposure time: 72 h	
benzyl alcohol:			
Toxicity to fish	:	LC50 (Fish): > 100 mg/l Exposure time: 96 h	
Toxicity to daphnia and other aquatic invertebrates	:	EC50 (Daphnia magna (Water flea)): > 100 mg/l Exposure time: 48 h	
<b>12.2 Persistence and degradabil</b> No data available	ity		
<b>12.3 Bioaccumulative potential</b> No data available			
1 <b>2.4 Mobility in soil</b> No data available			
12.5 Results of PBT and vPvB as	sse	ssment	
Product:			
Assessment	:	This substance/mixture contains no components to be either persistent, bioaccumulative and toxic very persistent and very bioaccumulative (vPvB) 0.1% or higher	(PBT), or
		-	
12.6 Endocrine disrupting prope	rtie	5	
12.6 Endocrine disrupting prope <u>Product:</u>	rtie	5	
12.6 Endocrine disrupting prope <u>Product:</u> Assessment	ertie :	The substance/mixture does not contain compon ered to have endocrine disrupting properties acc REACH Article 57(f) or Commission Delegated re (EU) 2017/2100 or Commission Regulation (EU) levels of 0.1% or higher.	ording to egulation
Product:	ertie :	The substance/mixture does not contain compon ered to have endocrine disrupting properties acc REACH Article 57(f) or Commission Delegated re (EU) 2017/2100 or Commission Regulation (EU)	ording to egulation
Product: Assessment	ertie :	The substance/mixture does not contain compon ered to have endocrine disrupting properties acc REACH Article 57(f) or Commission Delegated re (EU) 2017/2100 or Commission Regulation (EU)	ording to egulation

# CTION 13: Disposal considerations

### 13.1 Waste treatment methods

Product

: The generation of waste should be avoided or minimized wherever possible.

according to Regulation (EC) No. 1907/2006, as amended by Commission Regulation (EU) 2020/878

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Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe way.

Dispose of surplus and non-recyclable products via a licensed waste disposal contractor.

Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements.

Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.

### **SECTION 14: Transport information**

14.1 UN number or ID number			
ADR	:	UN 3077	
IMDG	:	UN 3077	
ΙΑΤΑ	:	UN 3077	
14.2 UN proper shipping name			
ADR	:	ENVIRONMENTALL' N.O.S. (epoxy resin)	Y HAZARDOUS SUBSTANCE, SOLID,
IMDG	:	ENVIRONMENTALLY N.O.S. (epoxy resin)	Y HAZARDOUS SUBSTANCE, SOLID,
ΙΑΤΑ	:		rdous substance, solid, n.o.s., Environ- ubstance, solid, n.o.s.
14.3 Transport hazard class(es)			
		Class	Subsidiary risks
ADR	:	9	
IMDG	:	9	
ΙΑΤΑ	:	9	
14.4 Packing group			
ADR Packing group Classification Code Hazard Identification Number Labels Tunnel restriction code IMDG		III M7 90 9 (-)	

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Packing group Labels EmS Code	:	III 9 F-A, S-F	
IATA (Cargo) Packing instruction (cargo aircraft) Packing instruction (LQ) Packing group Labels	:	956 Y956 III Miscellaneous	
IATA (Passenger) Packing instruction (passen- ger aircraft) Packing instruction (LQ) Packing group Labels	:	956 Y956 III Miscellaneous	
14.5 Environmental hazards			
<b>ADR</b> Environmentally hazardous	:	yes	
IMDG Marine pollutant	:	yes	
IATA (Passenger) Environmentally hazardous	:	yes	
IATA (Cargo) Environmentally hazardous	:	yes	

#### 14.6 Special precautions for user

The transport classification(s) provided herein are for informational purposes only, and solely based upon the properties of the unpackaged material as it is described within this Safety Data Sheet. Transportation classifications may vary by mode of transportation, package sizes, and variations in regional or country regulations.

#### 14.7 Maritime transport in bulk according to IMO instruments

Not applicable for product as supplied.

## **SECTION 15: Regulatory information**

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

International Chemical Weapons Convention (CWC) : Not applicable Schedules of Toxic Chemicals and Precursors

**REACH** Information:

- All substances contained in our Products are
- registered by our upstream suppliers, and/or
- registered by us, and/or
- excluded from the regulation, and/or
- exempted from the registration.

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REACH - Restrictions on the man the market and use of certain dan mixtures and articles (Annex XVII)	gerous substances,	:	Conditions of restriction for the fol- lowing entries should be considered: Number on list 3
			Number on list 75:
REACH - Candidate List of Substa Concern for Authorisation (Article		:	None of the components are listed (=> 0.1 %).
REACH - List of substances subje (Annex XIV)	ect to authorisation	:	Not applicable
Regulation (EC) on substances th layer	at deplete the ozone	:	Not applicable
Regulation (EU) 2019/1021 on pe tants (recast)	rsistent organic pollu-	:	Not applicable
Regulation (EU) No 649/2012 of the ment and the Council concerning of dangerous chemicals		:	Not applicable
Seveso III: Directive 2012/18/EU o jor-accident hazards involving dar E2			and of the Council on the control of ma-
Volatile organic compounds :	(VOCV)		or volatile organic compounds ds (VOC) content: 2,7% w/w
Directive 2010/75/EU of 24 November 2010 on emissions (integrated pollution prevention and o Volatile organic compounds (VOC) content: 2,7			ution prevention and control)
15.2 Chemical safety assessment			

No Chemical Safety Assessment has been carried out for this mixture by the supplier.

# **SECTION 16: Other information**

#### Full text of H-Statements

H302 : Harmful if swallowed.

according to Regulation (EC) No. 1907/2006, as amended by Commission Regulation (EU) 2020/878

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H315	:	Causes skin irritation.	
H317	:	May cause an allergic skin reaction.	
H319	:	Causes serious eye irritation.	
H332	:	Harmful if inhaled.	
H411	:	Toxic to aquatic life with long lasting effe	ects.
H412	:	Harmful to aquatic life with long lasting e	effects.
Full text of other abbreviat	ions		
Acute Tox.	:	Acute toxicity	
Aquatic Chronic	:	Long-term (chronic) aquatic hazard	
Eye Irrit.	:	Eye irritation	
Skin Irrit.	:	Skin irritation	
Skin Sens.	:	Skin sensitisation	
ADR	:	European Agreement concerning the Int	ternational Carriage of
		Dangerous Goods by Road	3
CAS	:	Chemical Abstracts Service	
DNEL	:	Derived no-effect level	
EC50	:	Half maximal effective concentration	
GHS	:	Globally Harmonized System	
IATA	÷	International Air Transport Association	
IMDG	÷	International Maritime Code for Dangero	ous Goods
LD50	÷	Median lethal dosis (the amount of a ma	
	-	once, which causes the death of 50% (c	
		test animals)	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
LC50	:	Median lethal concentration (concentrat	ions of the chemical in
	•	air that kills 50% of the test animals duri	
		period)	ge ezeer ranen
MARPOL	•	International Convention for the Prevent	tion of Pollution from
	-	Ships, 1973 as modified by the Protocol	
OEL	:	Occupational Exposure Limit	
PBT	÷	Persistent, bioaccumulative and toxic	
PNEC	÷	Predicted no effect concentration	
REACH	÷	Regulation (EC) No 1907/2006 of the Eu	uropean Parliament
	•	and of the Council of 18 December 2006	
		istration, Evaluation, Authorisation and I	
		cals (REACH), establishing a European	
SVHC		Substances of Very High Concern	enemieale Ageney
vPvB	:	Very persistent and very bioaccumulativ	/e
	•		0
Further information			
Classification of the mixtu	re:	Classification	procedure:
Skin Irrit. 2	HB	Calculation me	thod
Eye Irrit. 2	НЗ	Calculation me	thod
Skin Sens. 1	H3	Calculation me	thod
Aquatic Chronic 2	H4		

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The information contained in this Safety Data Sheet corresponds to our level of knowledge at the time of publication. All warranties are excluded. Our most current General Sales Conditions shall apply. Please consult the product data sheet prior to any use and processing.

Changes as compared to previous version !

NL / EN

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