

This safety data sheet was created pursuant to the requirements of: Regulation (EC) No. 1907/2006 and Regulation (EC) No. 1272/2008

EVO-STIK EPOXY RAPID - RESIN Supercedes Date: 30-Dec-2020

Revision date 02-Mar-2022 Revision Number 1.03

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

1.1. Product identifier

Product Name EVO-STIK EPOXY RAPID - RESIN

Pure substance/mixture Mixture

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

Recommended use Resin.
Uses advised against Resin.
None known

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

Company Name
Bostik Limited
Common Rd
ST16 3EH
Stafford UK

Tel: +44 (1785) 27 26 25 Fax: +44 (1785) 25 72 36

E-mail address SDS.box-EU@bostik.com

1.4. Emergency telephone number

United Kingdom +44 (1785) 272650

Ireland Bostik: +353 (1) 8624900 (Monday- Friday 9am-5pm)

Europe 112

# **SECTION 2: Hazards identification**

### 2.1. Classification of the substance or mixture

Regulation (EC) No 1272/2008

Skin corrosion/irritation	Category 2 - (H315)
Serious eye damage/eye irritation	Category 2 - (H319)
Skin sensitisation	Category 1A - (H317)
Chronic aquatic toxicity	Category 2 - (H411)

#### 2.2. Label elements

Contains Formaldehyde, oligomeric reaction products with 1-chloro-2,3-epoxypropane and phenol, bis-[4-(2,3-epoxipropoxi)phenyl]propane





#### Signal word Warning

## **Hazard statements**

H315 - Causes skin irritation.

H317 - May cause an allergic skin reaction.

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H319 - Causes serious eye irritation.

H411 - Toxic to aquatic life with long lasting effects.

#### **EU Specific Hazard Statements**

EUH205 - Contains epoxy constituents. May produce an allergic reaction

# Precautionary Statements - EU (§28, 1272/2008)

P102 - Keep out of reach of children

P261 - Avoid breathing vapours/spray

P273 - Avoid release to the environment

P280 - Wear protective gloves and eye/face protection

P302 + P352 - IF ON SKIN: Wash with plenty of water and soap

P333 + P313 - If skin irritation or rash occurs: Get medical advice/attention

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 to an approved waste disposal plant

#### **Additional information**

Please also refer to the SDS for the other component(s) of the kit. This product is part of a kit.

#### 2.3. Other hazards

Small amounts of methanol (CAS 67-56-1) are formed by hydrolysis and released upon curing. Toxic to aguatic life.

#### PBT & vPvB

This mixture contains no substance considered to be persistent, bioaccumulating or toxic (PBT). This mixture contains no substance considered to be very persistent nor very bioaccumulating (vPvB).

# SECTION 3: Composition/information on ingredients

#### 3.1 Substances

Not applicable

#### 3.2 Mixtures

Chemical name	EC No	CAS No	Weight-%	Classification according to Regulation (EC) No. 1272/2008 [CLP]	Specific concentration limit (SCL)	REACH registration number
bis-[4-(2,3-epoxipropoxi) phenyl]propane	216-823-5	1675-54-3	80 - 100	Skin Irrit. 2 (H315) Eye Irrit. 2 (H319) Skin Sens. 1 (H317) Aquatic Chronic 2 (H411)	Eye Irrit. 2 :: C>=5% Skin Irrit. 2 :: C>=5%	01-2119456619- 26-xxxx
Formaldehyde, oligomeric reaction products with 1-chloro-2,3-epoxypropa ne and phenol	500-006-8	9003-36-5	5 - <10	Skin Irrit. 2 (H315) Skin Sens. 1A (H317) Aquatic Chronic 2 (H411)	-	01-2119454392- 40-XXXX
Glycidoxypropyltrimetho xysilane	219-784-2	2530-83-8	1- <2.5	Eye Dam. 1 (H318) Aquatic Chronic 3 (H412)	-	01-2119513212- 58-XXXX

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Full text of H- and EUH-phrases: see section 16

Note: ^ indicates not classified, however, the substance is listed in section 3 as it has an OEL

This product does not contain candidate substances of very high concern at a concentration >=0.1% (Regulation (EC) No. 1907/2006 (REACH), Article 59)

Chemical name	EC No	CAS No	SVHC candidates
bis-[4-(2,3-epoxipropoxi)phenyl]prop	216-823-5	1675-54-3	
ane			
Formaldehyde, oligomeric reaction products with 1-chloro-2,3-epoxypropane and phenol	500-006-8	9003-36-5	
Glycidoxypropyltrimethoxysilane	219-784-2	2530-83-8	

# **SECTION 4: First aid measures**

#### 4.1. Description of first aid measures

**General advice** Show this safety data sheet to the doctor in attendance.

**Inhalation** Remove to fresh air. Get medical attention immediately if symptoms occur.

**Eye contact**Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes.

Remove contact lenses, if present and easy to do. Continue rinsing. Keep eye wide open

while rinsing. Do not rub affected area. Get medical attention if irritation develops and

persists.

**Skin contact** May cause an allergic skin reaction. In the case of skin irritation or allergic reactions see

a doctor. Wash off immediately with soap and plenty of water for at least 15 minutes.

Ingestion Rinse mouth. Never give anything by mouth to an unconscious person. Do NOT induce

vomiting. Call a doctor.

Self-protection of the first aider Avoid contact with skin, eyes or clothing. Wear personal protective clothing (see section

8).

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

Symptoms Itching. Rashes. Hives. May cause redness and tearing of the eyes. Burning sensation.

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

**Note to doctors** May cause sensitisation in susceptible persons. Treat symptomatically.

# **SECTION 5: Firefighting measures**

5.1. Extinguishing media

surrounding environment.

Unsuitable extinguishing media No information available.

5.2. Special hazards arising from the substance or mixture

Specific hazards arising from the Product is or contains a sensitiser. May cause sensitisation by skin contact.

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chemical

Hazardous combustion products Carbon oxides. Silicon dioxide.

5.3. Advice for firefighters

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Special protective equipment and Firefighters should wear self-contained breathing apparatus and full firefighting turnout

precautions for fire-fighters gear. Use personal protection equipment.

## SECTION 6: Accidental release measures

#### 6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions Avoid contact with skin, eyes or clothing. Ensure adequate ventilation. Use personal

protective equipment as required. See section 8 for more information.

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**Other information** Refer to protective measures listed in Sections 7 and 8.

6.2. Environmental precautions

**Environmental precautions** Prevent further leakage or spillage if safe to do so.

6.3. Methods and material for containment and cleaning up

**Methods for containment** Prevent further leakage or spillage if safe to do so.

Methods for cleaning up Take up mechanically, placing in appropriate containers for disposal.

Prevention of secondary hazards Clean contaminated objects and areas thoroughly observing environmental regulations.

6.4. Reference to other sections

**Reference to other sections** See section 8 for more information. See section 13 for more information.

# SECTION 7: Handling and storage

## 7.1. Precautions for safe handling

Advice on safe handling Avoid contact with skin, eyes or clothing. Ensure adequate ventilation. Please also refer

to the SDS for the other component(s) of the kit. This product is part of a kit.

**General hygiene considerations** Do not eat, drink or smoke when using this product.

7.2. Conditions for safe storage, including any incompatibilities

Storage Conditions Keep containers tightly closed in a dry, cool and well-ventilated place. Store locked up.

Keep out of the reach of children.

Recommended storage

temperature

Keep at temperatures between 5 and 35 °C.

7.3. Specific end use(s)

Specific use(s)

Resin.

Risk Management Methods (RMM) The information required is contained in this Safety Data Sheet.

Other information Observe technical data sheet.

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# SECTION 8: Exposure controls/personal protection

#### 8.1. Control parameters

**Exposure Limits** Small amounts of methanol (CAS 67-56-1) are formed by hydrolysis and released upon

curing

Derived No Effect Level (DNEL) No information available

Derived No Effect Level (DNEL)					
bis-[4-(2,3-epoxipropoxi)phe	enyl]propane (1675-54-3)				
Туре	Exposure route	Derived No Effect Level (DNEL)	Safety factor		
worker Long term Systemic health effects	Inhalation	12.25 mg/m³			
worker Short term Systemic health effects	Inhalation	12.25 mg/m³			
worker Long term Systemic health effects	Dermal	8.33 mg/kg bw/d			
worker Short term Systemic health effects	Dermal	8.33 mg/kg bw/d			

Glycidoxypropyltrimethoxysilane (2530-83-8)				
Туре	Exposure route	Derived No Effect Level (DNEL)	Safety factor	
worker Long term Systemic health effects	Inhalation	70.5 mg/m³		
worker Long term Systemic health effects	Dermal	10 mg/kg bw/d		

Derived No Effect Level (DNEL)				
bis-[4-(2,3-epoxipropoxi)pher	nyl]propane (1675-54-3)			
Type	Exposure route	Derived No Effect Level (DNEL)	Safety factor	
Consumer Long term Systemic health effects	Dermal	3.571 mg/kg bw/d		
Consumer Short term Systemic health effects	Dermal	3.571 mg/kg bw/d		
Consumer Long term Systemic health effects	Oral	0.75 mg/kg bw/d		
Consumer Short term Systemic health effects	Dermal	0.75 mg/kg bw/d		

Glycidoxypropyltrimethoxysilane (2530-83-8)				
Туре		Derived No Effect Level (DNEL)	Safety factor	
Consumer	Inhalation	17 mg/m <sup>3</sup>		

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Long term
Systemic health effects

Consumer
Long term
Systemic health effects

Consumer
Consumer
Long term
Systemic health effects

Consumer
Long term
Systemic health effects

**Predicted No Effect Concentration** No information available. **(PNEC)** 

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Predicted No Effect Concentration (PNEC)			
bis-[4-(2,3-epoxipropoxi)phenyl]propane (1675-54-3)			
Environmental compartment	Predicted No Effect Concentration (PNEC)		
Freshwater	0.006 mg/l		
Marine water	0.001 mg/l		
Sewage treatment plant	10 mg/l		
Freshwater sediment	0.996 mg/kg dry weight		
Marine sediment	0.1 mg/kg dry weight		
Soil	0.196 mg/kg dry weight		

Glycidoxypropyltrimethoxysilane (2530-83-8)			
Environmental compartment	Predicted No Effect Concentration (PNEC)		
Freshwater	0.45 mg/l		
Marine water	0.045 mg/l		
Freshwater sediment	1.6 mg/kg dry weight		
Sewage treatment plant	8.2 mg/l		
Soil	0.063 mg/kg dry weight		
Marine sediment	0.16 mg/kg dry weight		

#### 8.2. Exposure controls

**Engineering controls** Please refer also to Safety Data Sheet of Part B.

Personal protective equipment

Eye/face protection Wear safety glasses with side shields (or goggles). Eye protection must conform to

standard EN 166.

Hand protection Wear protective gloves: Nitrile rubber, Butyl rubber. Ensure that the breakthrough time of

the glove material is not exceeded. Refer to glove supplier for information on breakthrough time for specific gloves. Gloves must conform to standard EN 374.

Gloves must conform to standard EN 374

**Skin and body protection** Wear suitable protective clothing.

**Respiratory protection** Ensure adequate ventilation, especially in confined areas.

**Environmental exposure controls** Do not allow uncontrolled discharge of product into the environment.

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

#### 9.1. Information on basic physical and chemical properties

Physical state Liquid

Appearance No information available

ColourLight yellowOdourSlight

Odour threshold No information available

Property Values Remarks • Method No data available Not applicable

pH (as aqueous solution) No data available

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Melting point / freezing point No data available

Initial boiling point and boiling

> 200 °C

Not applicable

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range

Flash point 150 °C

Evaporation rate

No data available

Flammability Not applicable for liquids .

Flammability Limit in Air

Upper flammability or explosive No data available

limits

Lower flammability or explosive No data available

limits

Vapour pressure
Relative vapour density
Relative density
Water solubility
Solubility(ies)
Partition coefficient
Autoignition temperature
No data available

Decomposition temperature No data available Kinematic viscosity No data available

**Dynamic viscosity** 8000 - 12000 mPa s @ 25 °C

Explosive properties No data available
Oxidising properties No data available

9.2. Other information

Solid content (%) No information available

**VOC Content (%)** 

**Density** 1.15 g/cm<sup>3</sup>

# **SECTION 10: Stability and reactivity**

10.1. Reactivity

**Reactivity** No information available.

10.2. Chemical stability

**Stability** Stable under normal conditions.

**Explosion data** 

Sensitivity to mechanical

None.

impact

Sensitivity to static discharge None.

10.3. Possibility of hazardous reactions

Possibility of hazardous reactions None under normal processing.

10.4. Conditions to avoid

Conditions to avoid None known based on information supplied.

10.5. Incompatible materials

**Incompatible materials** Strong acids. Strong bases. Strong oxidising agents.

10.6. Hazardous decomposition products

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Hazardous decomposition None under normal

products

None under normal use conditions.

# **SECTION 11: Toxicological information**

#### 11.1. Information on toxicological effects

#### Information on likely routes of exposure

#### **Product Information**

**Inhalation** Based on available data, the classification criteria are not met.

**Eye contact** Causes serious eye irritation.

Skin contact Causes skin irritation. May cause sensitisation by skin contact.

**Ingestion** Based on available data, the classification criteria are not met.

Symptoms related to the physical, chemical and toxicological characteristics

Symptoms Itching. Rashes. Hives. Redness. May cause redness and tearing of the eyes.

Numerical measures of toxicity

**Acute toxicity** 

The following values are calculated based on chapter 3.1 of the GHS document

ATEmix (dermal) 28,626.60 mg/kg

#### **Component Information**

Chemical name	Oral LD50	Dermal LD50	Inhalation LC50
bis-[4-(2,3-epoxipropoxi)phenyl	=11300 μL/kg (Rattus)	LD50 >2000 mg/Kg (Rattus)	
]propane			
1675-54-3			
Formaldehyde, oligomeric	LD50 > 5 g/kg (Rattus)	LD50 > 2000 mg/kg	
reaction products with	(OECD 401)	(Rattus)(OECD 402)	
1-chloro-2,3-epoxypropane			
and phenol			
9003-36-5			
Glycidoxypropyltrimethoxysilan	=8025 mg/kg (Rattus)	= 4250 mg/kg (Oryctolagus	>5.3 mg/L (Rattus) 4 h
е		cuniculus)	
2530-83-8			

## Delayed and immediate effects as well as chronic effects from short and long-term exposure

**Skin corrosion/irritation** Causes skin irritation.

Serious eye damage/eye irritation Causes serious eye irritation.

Component Information

Glycidoxypropyltrimethoxysilane (2530-83-8)

Method	Species	Exposure route	Effective dose	Exposure time	Results
OECD Test No. 405:	Rabbit	Eye			Eye Damage
Acute Eye					

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Irritation/Corrosion

Respiratory or skin sensitisation May cause an allergic skin reaction.

Component Information

Glycidoxypropyltrimethoxysilane (2530-83-8)

Method	Species	Exposure route	Results
OECD Test No. 406: Skin	Guinea pig	Dermal	No sensitisation responses
Sensitisation			were observed

Germ cell mutagenicity Based on available data, the classification criteria are not met.

Carcinogenicity Based on available data, the classification criteria are not met.

Reproductive toxicity Based on available data, the classification criteria are not met.

**STOT - single exposure**Based on available data, the classification criteria are not met.

**STOT - repeated exposure**Based on available data, the classification criteria are not met.

Aspiration hazard Based on available data, the classification criteria are not met.

# 11.2. Information on other hazards

#### 11.2.1. Endocrine disrupting properties

**Endocrine disrupting properties** 

# 11.2.2. Other information

Other adverse effects No information available.

Note: PC-ADH-8 Multi-component adhesives and sealants

Please also refer to the SDS for the other component(s) of the kit

This product is part of a kit

# **SECTION 12: Ecological information**

#### 12.1. Toxicity

**Ecotoxicity** Toxic to aquatic life with long lasting effects.

Chemical name	Algae/aquatic	Fish	Toxicity to	Crustacea	M-Factor	M-Factor
	plants		microorganisms			(long-term)
bis-[4-(2,3-epoxipropoxi	EC50 (72h) =	1.5 mg/l 96Hr	-	LD50 (48h) =2.7		
)phenyl]propane	9.4 mg/L	(Oncorhynchus		mg/L (Daphnia		
1675-54-3	(Scenedesmus	mykiss)		magna)		

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	capricornutum) EPA-660/3-75-0 09	(OECD 203)		(OECD 202)	
Glycidoxypropyltrimeth oxysilane 2530-83-8	EC50 (96hr): 350 mg/l Pseudokirchneri ella subcapitata	\ 71	-	EC50 (48h) =473 mg/L Daphnia magna	

# 12.2. Persistence and degradability

Persistence and degradability No information available.

12.3. Bioaccumulative potential

**Bioaccumulation** There is no data for this product.

#### **Component Information**

Chemical name	Partition coefficient	Bioconcentration factor (BCF)
bis-[4-(2,3-epoxipropoxi)phenyl]propane	3.78	-
1675-54-3		

#### 12.4. Mobility in soil

Mobility in soil No information available.

# 12.5. Results of PBT and vPvB assessment

PBT and vPvB assessment The product does not contain any substance(s) classified as PBT or vPvB.

Chemical name	PBT and vPvB assessment	
bis-[4-(2,3-epoxipropoxi)phenyl]propane 1675-54-3	The substance is not PBT / vPvB	
Glycidoxypropyltrimethoxysilane 2530-83-8	The substance is not PBT / vPvB	

#### 12.6. Other adverse effects

Other adverse effects No information available.

Chemical name	EU - Endocrine Disrupters	EU - Endocrine Disruptors -
	Candidate List	Evaluated Substances
bis-[4-(2,3-epoxipropoxi)phenyl]propane	Group II Chemical	-

# **SECTION 13: Disposal considerations**

#### 13.1. Waste treatment methods

Waste from residues/unused products

Dispose of contents/ container to an approved landfill.

**Contaminated packaging** Do not reuse empty containers.

**European Waste Catalogue** 08 04 09\* waste adhesives and sealants containing organic solvents or other dangerous

substances

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Other information Waste codes should be assigned by the user based on the application for which the

product was used.

**SECTION 14: Transport information** 

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**Note:** The shipping descriptions shown here are for bulk shipments only, and may not apply to

shipments made in non-bulk packages (see regulatory definition). The information shown here, may not always agree with the bill of lading shipping description for the material.

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Land transport (ADR/RID)

14.1 UN number or ID number UN3082

**14.2 Proper Shipping Name** Environmentally hazardous substances, liquid, n.o.s

(bis-[4-(2,3-epoxipropoxi)phenyl]propane, Formaldehyde, oligomeric reaction products

with 1-chloro-2,3-epoxypropane and phenol)

14.3 Transport hazard class(es)

Labels 9
14.4 Packing group III

**Description** UN3082, Environmentally hazardous substances, liquid, n.o.s

(bis-[4-(2,3-epoxipropoxi)phenyl]propane, Formaldehyde, oligomeric reaction products

with 1-chloro-2,3-epoxypropane and phenol), 9, III, (-)

14.5 Environmental hazards Yes

**14.6 Special Provisions** 274, 335, 601, 375

Classification code M6
Tunnel restriction code (-)
Limited quantity (LQ) 5 L
ADR Hazard Id (Kemmler 90

Number)

**IMDG** 

14.1 UN number or ID number UN3082

**14.2 Proper Shipping Name** Environmentally hazardous substances, liquid, n.o.s

(bis-[4-(2,3-epoxipropoxi)phenyl]propane, Formaldehyde, oligomeric reaction products

with 1-chloro-2,3-epoxypropane and phenol)

14.3 Transport hazard class(es)

14.4 Packing group

**Description** UN3082, Environmentally hazardous substances, liquid, n.o.s

(bis-[4-(2,3-epoxipropoxi)phenyl]propane, Formaldehyde, oligomeric reaction products

with 1-chloro-2,3-epoxypropane and phenol), 9, III, Marine Pollutant

14.5 Marine pollutant P

 14.6 Special Provisions
 274, 335, 969

 Limited Quantity (LQ)
 5 L

 EmS-No
 F-A, S-F

14.7 Transport in bulk according to Annex II of MARPOL and the IBC Code Not applicable

Air transport (ICAO-TI / IATA-DGR)

14.1 UN number or ID number UN3082

**14.2 Proper Shipping Name** Environmentally hazardous substances, liquid, n.o.s

(bis-[4-(2,3-epoxipropoxi)phenyl]propane, Formaldehyde, oligomeric reaction products

with 1-chloro-2,3-epoxypropane and phenol)

14.3 Transport hazard class(es) 9

14.4 Packing group

**Description** UN3082, Environmentally hazardous substances, liquid, n.o.s

(bis-[4-(2,3-epoxipropoxi)phenyl]propane, Formaldehyde, oligomeric reaction products

with 1-chloro-2,3-epoxypropane and phenol), 9, III

14.5 Environmental hazards Yes

**14.6 Special Provisions** A97, A158, A197

Limited quantity (LQ) 30 kg G ERG Code 9L

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# Section 15: REGULATORY INFORMATION

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

#### **European Union**

Take note of Directive 98/24/EC on the protection of the health and safety of workers from the risks related to chemical agents at work

Check whether measures in accordance with Directive 94/33/EC for the protection of young people at work must be taken.

Take note of Directive 92/85/EC on the protection of pregnant and breastfeeding women at work

### Registration, Evaluation, Authorization, and Restriction of Chemicals (REACh) Regulation (EC 1907/2006)

#### **SVHC: Substances of Very High Concern for Authorisation:**

This product does not contain candidate substances of very high concern at a concentration >=0.1% (Regulation (EC) No. 1907/2006 (REACH), Article 59)

Chemical name	CAS No
bis-[4-(2,3-epoxipropoxi)phenyl]propane	1675-54-3
Formaldehyde, oligomeric reaction products with	9003-36-5
1-chloro-2,3-epoxypropane and phenol	
Glycidoxypropyltrimethoxysilane	2530-83-8

#### EU-REACH (1907/2006) - Annex XVII - Substances subject to Restriction

This product does not contain substances subject to restriction (Regulation (EC) No. 1907/2006 (REACH), Annex XVII).

Chemical name	CAS No	Restricted substance per REACH Annex XVII
bis-[4-(2,3-epoxipropoxi)phenyl]propane	1675-54-3	
Formaldehyde, oligomeric reaction products with 1-chloro-2,3-epoxypropane and phenol	9003-36-5	
Glycidoxypropyltrimethoxysilane	2530-83-8	

## Substance subject to authorisation per REACH Annex XIV

This product does not contain substances subject to authorisation (Regulation (EC) No. 1907/2006 (REACH), Annex XIV)

#### Dangerous substance category per Seveso Directive (2012/18/EU)

E2 - Hazardous to the Aquatic Environment in Category Chronic 2

### Ozone-depleting substances (ODS) regulation (EC) 1005/2009

Not applicable

#### **Persistent Organic Pollutants**

Not applicable

# National regulations

## 15.2. Chemical safety assessment

Chemical Safety Assessments have been carried out by the Reach registrants for substances registered at >10 tpa. No Chemical Safety Assessment has been carried out for this mixture

#### SECTION 16: Other information

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#### Key or legend to abbreviations and acronyms used in the safety data sheet

#### Full text of H-Statements referred to under section 3

H315 - Causes skin irritation

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H317 - May cause an allergic skin reaction H318 - Causes serious eye damage H319 - Causes serious eye irritation

H411 - Toxic to aquatic life with long lasting effects H412 - Harmful to aquatic life with long lasting effects

Legend

TWA TWA (time-weighted average)
STEL STEL (Short Term Exposure Limit)

Ceiling Ceiling Limit Value
\* Skin designation

SVHC Substance(s) of Very High Concern

PBT Persistent, Bioaccumulative, and Toxic (PBT) Chemicals vPvB Very Persistent and very Bioaccumulative (vPvB) Chemicals

STOT RE Specific target organ toxicity - Repeated exposure STOT SE Specific target organ toxicity - Single exposure

EWC European Waste Catalogue

ADR European Agreement concerning the International Carriage of Dangerous Goods by

Road

IMDG International Maritime Dangerous Goods (IMDG)
IATA International Air Transport Association (IATA)

RID Regulations concerning the International Transport of Dangerous Goods by Rail

#### Key literature references and sources for data

No information available

Prepared By Product Safety & Regulatory Affairs

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Indication of changes

**Revision note** SDS sections updated: 2, 8, 11.

Training Advice When working with hazardous materials, regular training of operators is required by law

Further information No information available

This material safety data sheet complies with the requirements of Regulation (EC) No. 1907/2006

#### Disclaimer

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

**End of Safety Data Sheet** 

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