



## SAFETY DATA SHEET NITOCOTE EP403 Base

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

#### 1.1. Product identifier

Product name	NITOCOTE EP403 Base
Product number	A1753088UK9, A1753075UK9
UFI	UFI: VU50-R0MG-P00K-1AKS

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

Identified uses	Base component of two part epoxy coating.
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#### 1.3. Details of the supplier of the safety data sheet

Supplier	Fosroc International Limited Drayton Manor Business Park Coleshill Road Tamworth Staffordshire B78 3XN England Tel: +44 (0) 1827 262222 Fax: +44 (0) 1827 262444 enquiryuk@fosroc.com
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#### 1.4. Emergency telephone number

Emergency telephone	+44 (0) 1827 265 279 (Monday-Sunday 24 hours a day)
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### SECTION 2: Hazards identification

#### 2.1. Classification of the substance or mixture

##### Classification (EC 1272/2008)

Physical hazards	Not Classified
Health hazards	Skin Irrit. 2 - H315 Eye Irrit. 2 - H319 Skin Sens. 1 - H317 STOT RE 2 - H373
Environmental hazards	Aquatic Chronic 2 - H411
Human health	May cause skin sensitisation or allergic reactions in sensitive individuals.
Environmental	The product contains a substance which is toxic to aquatic organisms and which may cause long-term adverse effects in the aquatic environment.

#### 2.2. Label elements

##### Hazard pictograms



Signal word

Warning

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<b>Hazard statements</b>	<p>H315 Causes skin irritation.</p> <p>H319 Causes serious eye irritation.</p> <p>H317 May cause an allergic skin reaction.</p> <p>H373 May cause damage to organs through prolonged or repeated exposure.</p> <p>H411 Toxic to aquatic life with long lasting effects.</p>
<b>Precautionary statements</b>	<p>P260 Do not breathe vapour/ spray.</p> <p>P273 Avoid release to the environment.</p> <p>P280 Wear protective gloves/ protective clothing/ eye protection/ face protection.</p> <p>P302+P352 IF ON SKIN: Wash with plenty of water.</p> <p>P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.</p>
<b>Supplemental label information</b>	EUH205 Contains epoxy constituents. May produce an allergic reaction.
<b>Contains</b>	bis[4-(2,3-EPOXYPROPOXY)PHENYL]PROPANE, SILICA FLOUR (4-50 Micron), ALKYL GLYCIDYL ETHER C12/C14, Formaldehyde, oligomeric reaction products with 1-chloro-2,3-epoxypropane and phenol
<b>Supplementary precautionary statements</b>	<p>P261 Avoid breathing vapour/ spray.</p> <p>P264 Wash contaminated skin thoroughly after handling.</p> <p>P272 Contaminated work clothing should not be allowed out of the workplace.</p> <p>P314 Get medical advice/ attention if you feel unwell.</p> <p>P321 Specific treatment (see medical advice on this label).</p> <p>P332+P313 If skin irritation occurs: Get medical advice/ attention.</p> <p>P333+P313 If skin irritation or rash occurs: Get medical advice/ attention.</p> <p>P337+P313 If eye irritation persists: Get medical advice/ attention.</p> <p>P362+P364 Take off contaminated clothing and wash it before reuse.</p> <p>P391 Collect spillage.</p> <p>P501 Dispose of contents/ container in accordance with national regulations.</p>

### 2.3. Other hazards

This substance is not classified as PBT or vPvB according to current EU criteria.

## SECTION 3: Composition/information on ingredients

### 3.2. Mixtures

<b>bis[4-(2,3-EPOXYPROPOXY)PHENYL]PROPANE</b>		<b>10-30%</b>
CAS number: 1675-54-3                      EC number: 216-823-5		
<b>Classification</b> Skin Irrit. 2 - H315 Eye Irrit. 2 - H319 Skin Sens. 1 - H317 Aquatic Chronic 2 - H411		
<b>MICA POWDER</b>		<b>10-30%</b>
CAS number: 12001-26-2                      EC number: 601-648-2		
<b>Classification</b> Not Classified		

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<b>SILICA FLOUR (4-50 Micron)</b>			<b>10-30%</b>
CAS number: 14808-60-7	EC number: 238-878-4		
<b>Classification</b> STOT RE 2 - H373			
<b>ALKYL GLYCIDYL ETHER C12/C14</b>			<b>10-30%</b>
CAS number: 68609-97-2	EC number: 271-846-8	REACH registration number: 01-2119485289-22-XXXX	
<b>Classification</b> Skin Irrit. 2 - H315 Skin Sens. 1 - H317			
<b>TITANIUM DIOXIDE</b>			<b>10-30%</b>
CAS number: 13463-67-7	EC number: 236-675-5	REACH registration number: 01-2119489379-17-XXXX	
<b>Classification</b> Not Classified			
<b>Formaldehyde, oligomeric reaction products with 1-chloro-2,3-epoxypropane and phenol</b>			<b>5-10%</b>
CAS number: 9003-36-5	EC number: 500-006-8		
<b>Classification</b> Skin Irrit. 2 - H315 Skin Sens. 1 - H317 Aquatic Chronic 2 - H411			
<b>SILICA FUME</b>			<b>&lt;1%</b>
CAS number: 112945-52-5	EC number: 601-216-3		
<b>Classification</b> Not Classified			
<b>XYLENE</b>			<b>&lt;1%</b>
CAS number: 1330-20-7	EC number: 215-535-7	REACH registration number: 01-2119488216-32-0000	
<b>Classification</b> Flam. Liq. 3 - H226 Acute Tox. 4 - H312 Acute Tox. 4 - H332 Skin Irrit. 2 - H315			

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<b>PROPYLENE GLYCOL</b>		<b>&lt;1%</b>
CAS number: 57-55-6	EC number: 200-338-0	
<b>Classification</b> Not Classified	<b>Classification (67/548/EEC or 1999/45/EC)</b> -	
<b>ISO-BUTANOL</b>		<b>&lt;1%</b>
CAS number: 78-83-1	EC number: 201-148-0	
<b>Classification</b> Flam. Liq. 3 - H226 Skin Irrit. 2 - H315 Eye Dam. 1 - H318 STOT SE 3 - H335, H336		
<b>SILICA (HYDROPHOBIC)</b>		<b>&lt;1%</b>
CAS number: 67762-90-7	EC number: 614-122-2	
<b>Classification</b> Not Classified	<b>Classification (67/548/EEC or 1999/45/EC)</b> -	

The Full Text for all R-Phrases and Hazard Statements are Displayed in Section 16.

### SECTION 4: First aid measures

#### 4.1. Description of first aid measures

<b>General information</b>	Get medical attention if any discomfort continues.
<b>Inhalation</b>	Move affected person to fresh air at once. Rinse nose and mouth with water. Get medical attention if any discomfort continues.
<b>Ingestion</b>	Remove affected person from source of contamination. Move affected person to fresh air and keep warm and at rest in a position comfortable for breathing. Rinse mouth thoroughly with water. Give plenty of water to drink. Keep affected person under observation. Get medical attention if any discomfort continues. Show this Safety Data Sheet to the medical personnel.
<b>Skin contact</b>	Remove affected person from source of contamination. Remove contaminated clothing. Wash skin thoroughly with soap and water. Get medical attention if irritation persists after washing.
<b>Eye contact</b>	Remove affected person from source of contamination. Rinse immediately with plenty of water. Remove contact lenses, if present and easy to do. Continue rinsing. Continue to rinse for at least 15 minutes and get medical attention.

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

<b>General information</b>	The severity of the symptoms described will vary dependent on the concentration and the length of exposure.
<b>Inhalation</b>	May cause respiratory system irritation.
<b>Ingestion</b>	May cause discomfort if swallowed.
<b>Skin contact</b>	Skin irritation. May cause sensitisation or allergic reactions in sensitive individuals.
<b>Eye contact</b>	Irritation of eyes and mucous membranes.

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

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Notes for the doctor                      Treat symptomatically.

### SECTION 5: Firefighting measures

#### 5.1. Extinguishing media

**Suitable extinguishing media**      Extinguish with alcohol-resistant foam, carbon dioxide, dry powder or water fog.

**Unsuitable extinguishing media**      Do not use water jet as an extinguisher, as this will spread the fire.

#### 5.2. Special hazards arising from the substance or mixture

**Specific hazards**                      No unusual fire or explosion hazards noted.

**Hazardous combustion products**      Thermal decomposition or combustion may liberate carbon oxides and other toxic gases or vapours.

#### 5.3. Advice for firefighters

**Protective actions during firefighting**      No specific firefighting precautions known. Control run-off water by containing and keeping it out of sewers and watercourses.

**Special protective equipment for firefighters**      Use protective equipment appropriate for surrounding materials. Wear positive-pressure self-contained breathing apparatus (SCBA) and appropriate protective clothing.

### SECTION 6: Accidental release measures

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

**Personal precautions**                      Wear protective clothing as described in Section 8 of this safety data sheet.

#### 6.2. Environmental precautions

**Environmental precautions**      Do not discharge into drains or watercourses or onto the ground. Collect and dispose of spillage as indicated in Section 13.

#### 6.3. Methods and material for containment and cleaning up

**Methods for cleaning up**                      Absorb in vermiculite, dry sand or earth and place into containers. Flush contaminated area with plenty of water. Avoid the spillage or runoff entering drains, sewers or watercourses.

#### 6.4. Reference to other sections

**Reference to other sections**      For waste disposal, see section 13.

### SECTION 7: Handling and storage

#### 7.1. Precautions for safe handling

**Usage precautions**                      For professional users only. Provide adequate ventilation. Avoid the formation of mists. Avoid inhalation of vapours/spray and contact with skin and eyes.

#### 7.2. Conditions for safe storage, including any incompatibilities

**Storage precautions**                      Store in tightly-closed, original container in a dry, cool and well-ventilated place. Keep only in the original container.

**Storage class**                              Chemical storage.

#### 7.3. Specific end use(s)

**Specific end use(s)**                      The identified uses for this product are detailed in Section 1.2.

### SECTION 8: Exposure controls/Personal protection

#### 8.1. Control parameters

#### Occupational exposure limits

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### MICA POWDER

Long-term exposure limit (8-hour TWA): WEL 0,8 mg/m<sup>3</sup>

### SILICA FLOUR (4-50 Micron)

Long-term exposure limit (8-hour TWA): WEL 0.1 mg/m<sup>3</sup> respirable dust

### TITANIUM DIOXIDE

Long-term exposure limit (8-hour TWA): WEL 10 mg/m<sup>3</sup> inhalable dust

Long-term exposure limit (8-hour TWA): WEL 4 mg/m<sup>3</sup> respirable dust

### SILICA FUME

Long-term exposure limit (8-hour TWA): ACGIH/TLV:0.1 mg/m<sup>3</sup> res

TLV - Threshold Limit Value 2.4 mg/m<sup>3</sup> Resp. Dust

### XYLENE

Long-term exposure limit (8-hour TWA): WEL 50 ppm 220 mg/m<sup>3</sup>

Short-term exposure limit (15-minute): WEL 100 ppm 441 mg/m<sup>3</sup>

Sk

### PROPYLENE GLYCOL

Long-term exposure limit (8-hour TWA): WEL 10 mg/m<sup>3</sup> particulate

Long-term exposure limit (8-hour TWA): WEL 150 ppm 474 mg/m<sup>3</sup> total vapour and particulates

### ISO-BUTANOL

Long-term exposure limit (8-hour TWA): WEL 50 ppm 154 mg/m<sup>3</sup>

Short-term exposure limit (15-minute): WEL 75 ppm 231 mg/m<sup>3</sup>

### SILICA (HYDROPHOBIC)

Long-term exposure limit (8-hour TWA): WEL 4 mg/m<sup>3</sup> Inhal. Dust 10 mg/m<sup>3</sup> Resp. Dust

WEL = Workplace Exposure Limit.

Sk = Can be absorbed through the skin.

### Ingredient comments

WEL = Workplace Exposure Limits

### bis[4-(2,3-EPOXYPROPOXY)PHENYL]PROPANE (CAS: 1675-54-3)

#### DNEL

Workers - Dermal; Short term systemic effects: 8.33 mg/kg/day  
 Workers - Inhalation; Short term systemic effects: 12.25 mg/kg/day  
 Workers - Dermal; Long term systemic effects: 8.33 mg/kg/day  
 Workers - Inhalation; Long term systemic effects: 12.25 mg/kg/day  
 Consumer - Dermal; Short term systemic effects: 3.571 mg/kg/day  
 Consumer - Oral; Short term systemic effects: 0.75 mg/kg/day  
 Consumer - Dermal; Long term systemic effects: 3.571 mg/kg/day  
 Consumer - Oral; Long term systemic effects: 0.75 mg/kg/day

### ALKYL GLYCIDYL ETHER C12/C14 (CAS: 68609-97-2)

#### DNEL

Workers - Inhalation; Long term systemic effects: 3.6 mg/m<sup>3</sup>  
 Workers - Dermal; Long term systemic effects: 1 mg/kg/day

#### PNEC

- Fresh water; 0.0072 mg/l  
 - marine water; 0.00072 mg/l

### TITANIUM DIOXIDE (CAS: 13463-67-7)

#### DNEL

Industry - Inhalation; Long term local effects: 10 mg/m<sup>3</sup>  
 Consumer - Oral; Long term systemic effects: 700 mg/kg/day

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<b>PNEC</b>	- Fresh water; 0.127 mg/l
	- Sediment (Freshwater); $\geq 1000$ mg/kg
	- marine water; 1 mg/l
	- Sediment (Marinewater); $\geq 100$ mg/kg
	- Soil; 100 mg/kg
	- STP; 100 mg/l

### Formaldehyde, oligomeric reaction products with 1-chloro-2,3-epoxypropane and phenol (CAS: 9003-36-5)

<b>DNEL</b>	Workers - Inhalation; Long term systemic effects: 29.39 mg/m <sup>3</sup>
	Workers - Dermal; Long term systemic effects: 104.15 mg/kg/day
	Workers - Dermal; Short term local effects: 8.3 µg/cm <sup>2</sup>
<b>PNEC</b>	- Fresh water; 0.003 mg/l
	- marine water; 0.0003 mg/l
	- STP; 10 mg/l

### XYLENE (CAS: 1330-20-7)

<b>DNEL</b>	Workers - Inhalation; Long term systemic effects: 77 mg/m <sup>3</sup>
	Workers - Inhalation; Short term systemic effects: 289 mg/m <sup>3</sup>
	Workers - Dermal; Long term systemic effects: 180 mg/kg/day
<b>PNEC</b>	- Fresh water; 0.327 mg/l
	- marine water; 0.327 mg/l
	- STP; 6.58 mg/l

### ISO-BUTANOL (CAS: 78-83-1)

<b>DNEL</b>	Workers - Inhalation; Long term local effects: 310 mg/m <sup>3</sup>
<b>PNEC</b>	- Fresh water; 0.4 mg/l
	- marine water; 0.04 mg/l

## 8.2. Exposure controls

### Protective equipment



### Appropriate engineering controls

Provide adequate ventilation. Avoid inhalation of vapours. Observe any occupational exposure limits for the product or ingredients.

### Eye/face protection

Eyewear complying with an approved standard should be worn if a risk assessment indicates eye contact is possible. The following protection should be worn: Chemical splash goggles or face shield.

### Hand protection

Chemical-resistant, impervious gloves complying with an approved standard should be worn if a risk assessment indicates skin contact is possible. Wear protective gloves made of the following material: Butyl rubber. Nitrile rubber. The most suitable glove should be chosen in consultation with the glove supplier/manufacturer, who can provide information about the breakthrough time of the glove material. Protective gloves should have a minimum thickness of 0.4 mm.

### Other skin and body protection

Wear appropriate clothing to prevent any possibility of skin contact. Wear apron or protective clothing in case of contact.

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<b>Hygiene measures</b>	Wash at the end of each work shift and before eating, smoking and using the toilet. Wash promptly if skin becomes contaminated. Promptly remove any clothing that becomes contaminated. Do not eat, drink or smoke when using this product. Do not smoke in work area.
<b>Respiratory protection</b>	Respiratory protection may be required if excessive airborne contamination occurs. Gas filter, type A2.

### SECTION 9: Physical and chemical properties

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

<b>Appearance</b>	Viscous liquid.
<b>Colour</b>	Grey.
<b>Odour</b>	Slight / faint.
<b>Odour threshold</b>	Not determined.
<b>pH</b>	Not determined.
<b>Melting point</b>	Not determined.
<b>Initial boiling point and range</b>	Not determined.
<b>Flash point</b>	> 150°C Closed cup.
<b>Evaporation rate</b>	Not determined.
<b>Evaporation factor</b>	Not determined.
<b>Flammability (solid, gas)</b>	Not applicable.
<b>Upper/lower flammability or explosive limits</b>	Not determined.
<b>Other flammability</b>	Not applicable.
<b>Vapour pressure</b>	<0.40 kPa @ 20°C
<b>Vapour density</b>	Not determined.
<b>Relative density</b>	1.90 @ 20°C
<b>Bulk density</b>	Not applicable.
<b>Solubility(ies)</b>	Insoluble in water.
<b>Partition coefficient</b>	Not applicable.
<b>Auto-ignition temperature</b>	Not determined.
<b>Decomposition Temperature</b>	Not determined.
<b>Viscosity</b>	Not determined.
<b>Explosive properties</b>	Not considered to be explosive.
<b>Explosive under the influence of a flame</b>	Not considered to be explosive.
<b>Oxidising properties</b>	Does not meet the criteria for classification as oxidising.

#### 9.2. Other information

<b>Other information</b>	Not available.
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### SECTION 10: Stability and reactivity

#### 10.1. Reactivity

**Reactivity** The following materials may react with the product: Amino, hydroxyl or carboxyl groups

#### 10.2. Chemical stability

**Stability** Stable at normal ambient temperatures.

#### 10.3. Possibility of hazardous reactions

**Possibility of hazardous reactions** Under normal conditions of storage and use, no hazardous reactions will occur.

#### 10.4. Conditions to avoid

**Conditions to avoid** Avoid excessive heat for prolonged periods of time.

#### 10.5. Incompatible materials

**Materials to avoid** No specific material or group of materials is likely to react with the product to produce a hazardous situation.

#### 10.6. Hazardous decomposition products

**Hazardous decomposition products** Fire creates: Carbon monoxide (CO). Carbon dioxide (CO<sub>2</sub>). Irritant fumes.

### SECTION 11: Toxicological information

#### 11.1. Information on toxicological effects

##### Acute toxicity - oral

**Notes (oral LD<sub>50</sub>)** 3730 mg/kg (rat) The toxicological assessment is based on a knowledge of the toxicity of the product's components.

##### Skin corrosion/irritation

**Animal data** Irritating.

##### Serious eye damage/irritation

**Serious eye damage/irritation** Moderately irritating.

##### Skin sensitisation

**Skin sensitisation** Sensitising.

##### Inhalation

Gas or vapour may irritate the respiratory system.

##### Ingestion

May cause discomfort if swallowed. May cause irritation of mouth, throat and digestive tract.

##### Skin contact

Irritating to skin. May cause sensitisation by skin contact.

##### Eye contact

Irritating to eyes.

##### Acute and chronic health hazards

Repeated and prolonged skin contact may lead to skin disorders.

##### Route of exposure

Skin and/or eye contact

#### Toxicological information on ingredients.

##### Formaldehyde, oligomeric reaction products with 1-chloro-2,3-epoxypropane and phenol

##### Acute toxicity - oral

**Notes (oral LD<sub>50</sub>)** LD<sub>50</sub> >5000 mg/kg, Oral, Rat

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### SECTION 12: Ecological information

**Ecotoxicity** Dangerous for the environment. The product contains substances which are toxic to aquatic organisms and which may cause long-term adverse effects in the aquatic environment.

#### 12.1. Toxicity

**Toxicity** Toxic to aquatic organisms.

#### Ecological information on ingredients.

##### Formaldehyde, oligomeric reaction products with 1-chloro-2,3-epoxypropane and phenol

<b>Toxicity</b>	Toxic to aquatic life with long lasting effects.
<u>Acute aquatic toxicity</u>	
<b>Acute toxicity - fish</b>	LC <sub>50</sub> , 96 hours: 2.54 mg/l, Freshwater fish
<b>Acute toxicity - aquatic invertebrates</b>	EC <sub>50</sub> , 48 hours: >1000 mg/l, Daphnia magna
<b>Acute toxicity - aquatic plants</b>	EC <sub>50</sub> , 72 hours: >1.8 mg/l, Selenastrum capricornutum (OECD 201)
<u>Chronic aquatic toxicity</u>	
<b>Chronic toxicity - aquatic invertebrates</b>	NOEC, 21 days: 0.3 mg/l, Daphnia magna

#### 12.2. Persistence and degradability

**Persistence and degradability** The product is not readily biodegradable.

#### Ecological information on ingredients.

##### Formaldehyde, oligomeric reaction products with 1-chloro-2,3-epoxypropane and phenol

<b>Persistence and degradability</b>	Not readily biodegradable.
<b>Biodegradation</b>	- Degradation 0%: 28 days

#### 12.3. Bioaccumulative potential

**Bioaccumulative potential** The product contains potentially bioaccumulating substances.

**Partition coefficient** Not applicable.

#### Ecological information on ingredients.

##### Formaldehyde, oligomeric reaction products with 1-chloro-2,3-epoxypropane and phenol

<b>Bioaccumulative potential</b>	Potentially bioaccumulating. BCF: Estimated value. 150,
<b>Partition coefficient</b>	: log Pow = Approximately 3.8 at 25 C

#### 12.4. Mobility in soil

**Mobility** The product is insoluble in water.

#### Ecological information on ingredients.

##### Formaldehyde, oligomeric reaction products with 1-chloro-2,3-epoxypropane and phenol

<b>Mobility</b>	Not considered mobile.
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Adsorption/desorption coefficient - Koc: 4460 @ 20°C

### 12.5. Results of PBT and vPvB assessment

**Results of PBT and vPvB assessment** This product does not contain any substances classified as PBT or vPvB.

### Ecological information on ingredients.

#### Formaldehyde, oligomeric reaction products with 1-chloro-2,3-epoxypropane and phenol

**Results of PBT and vPvB assessment** This substance is not classified as PBT or vPvB according to current EU criteria.

### 12.6. Other adverse effects

**Other adverse effects** None known.

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

**General information** Waste is classified as hazardous waste.

**Disposal methods** Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority.

## SECTION 14: Transport information

### 14.1. UN number

UN No. (ADR/RID)	3082
UN No. (IMDG)	3082
UN No. (ICAO)	3082
UN No. (ADN)	3082

### 14.2. UN proper shipping name

<b>Proper shipping name (ADR/RID)</b>	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (CONTAINS bis[4-(2,3-EPOXYPROPOXY)PHENYL]PROPANE, EPOXY RESIN (Type F) (Number average MW <= 700 ))
<b>Proper shipping name (IMDG)</b>	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (CONTAINS bis[4-(2,3-EPOXYPROPOXY)PHENYL]PROPANE, EPOXY RESIN (Type F) (Number average MW <= 700 ))
<b>Proper shipping name (ICAO)</b>	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (CONTAINS bis[4-(2,3-EPOXYPROPOXY)PHENYL]PROPANE, EPOXY RESIN (Type F) (Number average MW <= 700 ))
<b>Proper shipping name (ADN)</b>	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (CONTAINS bis[4-(2,3-EPOXYPROPOXY)PHENYL]PROPANE, EPOXY RESIN (Type F) (Number average MW <= 700 ))

### 14.3. Transport hazard class(es)

ADR/RID class	9
ADR/RID classification code	M6
ADR/RID label	9

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IMDG class 9

ICAO class/division 9

ADN class 9

Transport labels



### 14.4. Packing group

ADR/RID packing group III

IMDG packing group III

ICAO packing group III

ADN packing group III

### 14.5. Environmental hazards

Environmentally hazardous substance/marine pollutant



### 14.6. Special precautions for user

EmS F-A, S-F

ADR transport category 3

Emergency Action Code •3Z

Hazard Identification Number 90  
(ADR/RID)

Tunnel restriction code (-)

### 14.7. Transport in bulk according to Annex II of MARPOL and the IBC Code

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code Not applicable.

## SECTION 15: Regulatory information

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

**National regulations** The Control of Substances Hazardous to Health Regulations 2002 (SI 2002 No. 2677) (as amended).

**EU legislation** Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) (as amended).  
Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures (as amended).  
Commission Regulation (EU) No 2015/830 of 28 May 2015.

**Guidance** Workplace Exposure Limits EH40.  
Respiratory protective equipment at work (HSG53).

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### 15.2. Chemical safety assessment

No chemical safety assessment has been carried out.

### SECTION 16: Other information

#### Abbreviations and acronyms used in the safety data sheet

ATE: Acute Toxicity Estimate.  
CAS: Chemical Abstracts Service.  
DMEL: Derived Minimal Effect Level.  
DNEL: Derived No Effect Level.  
LC<sub>50</sub>: Lethal Concentration to 50 % of a test population.  
LD<sub>50</sub>: Lethal Dose to 50% of a test population (Median Lethal Dose).  
PBT: Persistent, Bioaccumulative and Toxic substance.  
PNEC: Predicted No Effect Concentration.  
SVHC: Substances of Very High Concern.  
vPvB: Very Persistent and Very Bioaccumulative.

#### General information

The user must be instructed in the proper work procedure and be familiar with the contents of these instructions.

#### Revision comments

NOTE: Lines within the margin indicate significant changes from the previous revision.

#### Revision date

09/03/2021

#### Revision

5b

#### Supersedes date

07/09/2020

#### SDS number

12320

#### Hazard statements in full

H226 Flammable liquid and vapour.  
H312 Harmful in contact with skin.  
H315 Causes skin irritation.  
H317 May cause an allergic skin reaction.  
H318 Causes serious eye damage.  
H319 Causes serious eye irritation.  
H332 Harmful if inhaled.  
H335 May cause respiratory irritation.  
H336 May cause drowsiness or dizziness.  
H373 May cause damage to organs through prolonged or repeated exposure.  
H373 May cause damage to organs (Lungs) through prolonged or repeated exposure if inhaled.  
H411 Toxic to aquatic life with long lasting effects.

The information on this data sheet represents our current data and is reliable provided that the product is used under the prescribed conditions and in accordance with the application specified on the packaging and/or in the technical guidance literature. Any other use of the product which involves using the product in combination with any other product or any other process is the responsibility of the user.