

SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006

EPROPOX HC 120 A +

Version 1.0 [2.0 SDB GB]

Revision Date 04.11.2014

Print Date 05.11.2014

SECTION 1: Identification of the substance/mixture and of the company/undertaking**1.1 Product identifier**

Trade name : EPROPOX HC 120 A +

1.2 Relevant identified uses of the substance or mixture and uses advised againstUse of the Sub-
stance/Mixture : Casting Resin**1.3 Details of the supplier of the safety data sheet**

Company	Trelleborg Pipe Seals Duisburg GmbH Dr.-Alfred-Herrhausen-Allee 36 47228 Duisburg Germany
Telephone	+49 (0) 2065 999-0
Telefax	+49 (0) 2065 999-111
E-mail address	technic.epros@trelleborg.com

1.4 Emergency telephone number +49 (0) 2065 999-150

SECTION 2: Hazards identification**2.1 Classification of the substance or mixture****Classification (REGULATION (EC) No 1272/2008)**

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.
Chronic aquatic toxicity, Category 2	H411: Toxic to aquatic life with long lasting effects.

Classification (67/548/EEC, 1999/45/EC)


Sensitising	R43: May cause sensitisation by skin contact.
Irritant	R36/38: Irritating to eyes and skin.
Dangerous for the environment	R51/53: Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

2.2 Label elements**Labelling (REGULATION (EC) No 1272/2008)**

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Hazard pictograms	:																	
Signal word	:	Warning																
Hazard statements	:	<table border="0"> <tr> <td>H315</td> <td>Causes skin irritation.</td> </tr> <tr> <td>H317</td> <td>May cause an allergic skin reaction.</td> </tr> <tr> <td>H319</td> <td>Causes serious eye irritation.</td> </tr> <tr> <td>H411</td> <td>Toxic to aquatic life with long lasting effects.</td> </tr> </table>	H315	Causes skin irritation.	H317	May cause an allergic skin reaction.	H319	Causes serious eye irritation.	H411	Toxic to aquatic life with long lasting effects.								
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Precautionary statements	:	<table border="0"> <tr> <td>Prevention:</td> <td></td> </tr> <tr> <td>P261</td> <td>Avoid breathing dust/ fume/ gas/ mist/ vapours/ spray.</td> </tr> <tr> <td>P273</td> <td>Avoid release to the environment.</td> </tr> <tr> <td>P280</td> <td>Wear eye protection/ face protection.</td> </tr> <tr> <td>P280</td> <td>Wear protective gloves.</td> </tr> <tr> <td>Response:</td> <td></td> </tr> <tr> <td>P333 + P313</td> <td>If skin irritation or rash occurs: Get medical advice/ attention.</td> </tr> <tr> <td>P337 + P313</td> <td>If eye irritation persists: Get medical advice/ attention.</td> </tr> </table>	Prevention:		P261	Avoid breathing dust/ fume/ gas/ mist/ vapours/ spray.	P273	Avoid release to the environment.	P280	Wear eye protection/ face protection.	P280	Wear protective gloves.	Response:		P333 + P313	If skin irritation or rash occurs: Get medical advice/ attention.	P337 + P313	If eye irritation persists: Get medical advice/ attention.
Prevention:																		
P261	Avoid breathing dust/ fume/ gas/ mist/ vapours/ spray.																	
P273	Avoid release to the environment.																	
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Response:																		
P333 + P313	If skin irritation or rash occurs: Get medical advice/ attention.																	
P337 + P313	If eye irritation persists: Get medical advice/ attention.																	

Hazardous components which must be listed on the label:
reaction product: bisphenol-A-(epichlorhydrin) and epoxy resin (number average molecular weight <= 700)

Epichlorohydrin-formaldehyde-phenol polymer number average molecular weight # 700

1,6-bis(2,3-epoxypropoxy)hexane

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.

SECTION 3: Composition/information on ingredients

3.2 Mixtures

Chemical nature : Modified epoxy resin

Hazardous components

Chemical Name	CAS-No. EC-No. Registration number	Classification (67/548/EEC)	Classification (REGULATION (EC) No 1272/2008)	Concentration (%)
reaction product: bisphenol-A-(epichlorhydrin) and epoxy resin (number	25068-38-6 01-2119456619-26	Xi; R36/38 R43 N; R51-R53	Eye Irrit. 2; H319 Skin Irrit. 2; H315 Skin Sens. 1; H317 Aquatic Chronic 2;	>= 50 - <= 100

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average molecular weight <= 700)			H411	
Epichlorohydrin-formaldehyde-phenol polymer number average molecular weight # 700	9003-36-5	Xi; R36/38 R43 N; R51/53	Skin Irrit. 2; H315 Eye Irrit. 2; H319 Skin Sens. 1; H317 Aquatic Chronic 2; H411	>= 20 - < 25
1,6-bis(2,3-epoxypropoxy)hexane	16096-31-4 240-260-4 01- 2119463471-41	Xi; R36/38 Xi; R43 N; R52/53	Skin Irrit. 2; H315 Eye Irrit. 2; H319 Skin Sens. 1; H317 Aquatic Chronic 3; H412	>= 7 - < 10
Low boiling point naphtha - unspecified	64742-95-6 265-199-0 01- 2119455851-35	Xn; R65 N; R51/53 R10 R67 R66 Xi; R37	STOT SE 3; H336, H335 Asp. Tox. 1; H304 Aquatic Chronic 2; H411 Flam. Liq. 3; H226	>= 0,1 - < 0,25

For explanation of abbreviations see section 16.

SECTION 4: First aid measures

4.1 Description of first aid measures

- General advice : Keep warm and in a quiet place.
Show this safety data sheet to the doctor in attendance.
Take off all contaminated clothing immediately.
- If inhaled : Move to fresh air.
Keep patient warm and at rest.
If unconscious place in recovery position and seek medical advice.
If symptoms persist, call a physician.
If breathing is irregular or stopped, administer artificial respiration.
- In case of skin contact : Wash off immediately with soap and plenty of water.
Do NOT use solvents or thinners.
If on clothes, remove clothes.
If skin irritation persists, call a physician.
- In case of eye contact : Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes.
If eye irritation persists, consult a specialist.
If easy to do, remove contact lens, if worn.
- If swallowed : Keep at rest.
Do not induce vomiting without medical advice.
Keep respiratory tract clear.
If symptoms persist, call a physician.

4.2 Most important symptoms and effects, both acute and delayed

- Symptoms : irritant effects

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Redness
sensitising effects**4.3 Indication of any immediate medical attention and special treatment needed**

Treatment : No information available.

SECTION 5: Firefighting measures**5.1 Extinguishing media**Suitable extinguishing media : Foam
Sand
Carbon dioxide (CO₂)
Water mist

Unsuitable extinguishing media : Water spray jet

5.2 Special hazards arising from the substance or mixtureSpecific hazards during fire-fighting : The pressure in sealed containers can increase under the influence of heat.
Cool closed containers exposed to fire with water spray.**5.3 Advice for firefighters**Special protective equipment for firefighters : In the event of fire, wear self-contained breathing apparatus.
Use personal protective equipment.Further information : In the event of fire and/or explosion do not breathe fumes.
Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.
Immediately evacuate personnel to safe areas.
Prevent fire extinguishing water from contaminating surface water or the ground water system.
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 : Refer to protective measures listed in sections 7 and 8.
Evacuate personnel to safe areas.
Use personal protective equipment.
Ensure adequate ventilation.
Inform the responsible authorities in case of gas leakage, or of entry into waterways, soil or drains.**6.2 Environmental precautions**

Environmental precautions : Do not allow uncontrolled discharge of product into the envi-

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ronment.
Try to prevent the material from entering drains or water courses.
Local authorities should be advised if significant spillages cannot be contained.

6.3 Methods and material for containment and cleaning up

Methods for cleaning up : Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust).
Contain spillage, and then collect with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and place in container for disposal according to local / national regulations (see section 13).
Pick up and transfer to properly labelled containers.

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 : Provide sufficient air exchange and/or exhaust in work rooms.
Avoid inhalation, ingestion and contact with skin and eyes.
Wear personal protective equipment.
Persons with a history of skin sensitisation problems or asthma, allergies, chronic or recurrent respiratory disease should not be employed in any process in which this mixture is being used.

Advice on protection against fire and explosion : Keep away from open flames, hot surfaces and sources of ignition.

Hygiene measures : Provide adequate ventilation. Wash hands and face before breaks and immediately after handling the product.

7.2 Conditions for safe storage, including any incompatibilities

Requirements for storage : Keep containers tightly closed in a dry, cool and well-ventilated place. Keep in properly labelled containers.

Advice on common storage : Keep away from oxidising agents, strongly acid or alkaline materials and amines.
Keep product and empty container away from heat and sources of ignition.
Keep away from food and drink.

Other data : Stable at normal ambient temperature and pressure.

7.3 Specific end use(s)

Specific use(s) : Consult the technical guidelines for the use of this substance/mixture.

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SECTION 8: Exposure controls/personal protection

8.1 Control parameters

Occupational Exposure Limits

Components	CAS-No.	Value type (Form of exposure)	Control parameters	Basis
Silica, amorphous, fumed, cryst.-free	112945-52-5	TWA (inhalable dust)	6 mg/m ³	GB EH40
Further information	<p>For the purposes of these limits, respirable dust and inhalable dust are those fractions of airborne dust which will be collected when sampling is undertaken in accordance with the methods described in MDHS14/3 General methods for sampling and gravimetric analysis of respirable and inhalable dust, The COSHH definition of a substance hazardous to health includes dust of any kind when present at a concentration in air equal to or greater than 10 mg.m⁻³ 8-hour TWA of inhalable dust or 4 mg.m⁻³ 8-hour TWA of respirable dust. This means that any dust will be subject to COSHH if people are exposed above these levels. Some dusts have been assigned specific WELs and exposure to these must comply with the appropriate limit., Most industrial dusts contain particles of a wide range of sizes. The behaviour, deposition and fate of any particular particle after entry into the human respiratory system and the body response that it elicits, depend on the nature and size of the particle. HSE distinguishes two size fractions for limit-setting purposes termed 'inhalable' and 'respirable'. Inhalable dust approximates to the fraction of airborne material that enters the nose and mouth during breathing and is therefore available for deposition in the respiratory tract. Respirable dust approximates to the fraction that penetrates to the gas exchange region of the lung. Fuller definitions and explanatory material are given in MDHS14/3., Where dusts contain components that have their own assigned WEL, all the relevant limits should be complied with., Where no specific short-term exposure limit is listed, a figure three times the long-term exposure should be used</p>			
		TWA (Respirable dust)	2,4 mg/m ³	GB EH40
Further information	<p>For the purposes of these limits, respirable dust and inhalable dust are those fractions of airborne dust which will be collected when sampling is undertaken in accordance with the methods described in MDHS14/3 General methods for sampling and gravimetric analysis of respirable and inhalable dust, The COSHH definition of a substance hazardous to health includes dust of any kind when present at a concentration in air equal to or greater than 10 mg.m⁻³ 8-hour TWA of inhalable dust or 4 mg.m⁻³ 8-hour TWA of respirable dust. This means that any dust will be subject to COSHH if people are exposed above these levels. Some dusts have been assigned specific WELs and exposure to these must comply with the appropriate limit., Most industrial dusts contain particles of a wide range of sizes. The behaviour, deposition and fate of any particular particle after entry into the human respiratory system and the body response that it elicits, depend on the nature and size of the particle. HSE distinguishes two size fractions for limit-setting purposes termed 'inhalable' and 'respirable'. Inhalable dust approximates to the fraction of airborne material that enters the nose and mouth during breathing and is therefore available for deposition in the respiratory tract. Respirable dust approximates to the fraction that penetrates to the gas exchange region of the lung. Fuller definitions and explanatory material are given in MDHS14/3., Where dusts contain components that have their own assigned WEL, all the relevant limits should be complied with., Where no specific short-term exposure limit is listed,</p>			

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a figure three times the long-term exposure should be used

Derived No Effect Level (DNEL) according to Regulation (EC) No. 1907/2006:

<p>reaction product: bisphenol-A- (epichlorhydrin) and epoxy resin (number average mo- lecular weight <= 700)</p>	<p>: End Use: Workers Exposure routes: Skin contact Potential health effects: Acute systemic effects, Long-term sys- temic effects Value: 8,33 mg/kg End Use: Workers Exposure routes: Inhalation Potential health effects: Acute systemic effects, Long-term local effects Value: 12,25 mg/m3 End Use: Consumers Exposure routes: Skin contact Potential health effects: Acute systemic effects, Long-term sys- temic effects Value: 3,571 mg/kg End Use: Consumers Exposure routes: Ingestion Potential health effects: Acute systemic effects, Long-term sys- temic effects Value: 0,75 mg/kg</p>
<p>1,6-bis(2,3- epoxypropoxy)hexane</p>	<p>: End Use: Workers Exposure routes: Skin contact Potential health effects: Long-term systemic effects Value: 2,8 mg/kg End Use: Workers Exposure routes: Inhalation Potential health effects: Long-term systemic effects Value: 4,9 mg/m3</p>
<p>Silica, amorphous, fumed, cryst.-free</p>	<p>: End Use: Workers Exposure routes: Inhalation Potential health effects: Long-term local effects Value: 4 mg/m3</p>
<p>Low boiling point naphtha - unspecified</p>	<p>: End Use: Workers Exposure routes: Skin contact Potential health effects: Long-term exposure, Systemic effects Value: 25 mg/kg End Use: Workers Exposure routes: Inhalation Potential health effects: Long-term exposure, Systemic effects Value: 150 mg/m3 End Use: Consumers Exposure routes: Skin contact Potential health effects: Long-term exposure, Systemic effects Value: 11 mg/kg End Use: Consumers Exposure routes: Inhalation Potential health effects: Long-term exposure, Systemic effects Value: 32 mg/m3 End Use: Consumers Exposure routes: Ingestion Potential health effects: Long-term exposure, Systemic effects Value: 11 mg/kg</p>

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Predicted No Effect Concentration (PNEC) according to Regulation (EC) No. 1907/2006:

reaction product: bisphenol-A- (epichlorhydrin) and epoxy resin (number average mo- lecular weight <= 700)	:	Fresh water Value: 0,006 mg/l
		Marine water Value: 0,0006 mg/l
		Intermittent releases Value: 0,018 mg/l
		Sewage treatment plant Value: 10 mg/l
		Fresh water sediment Value: 0,996 mg/kg
		Marine sediment Value: 0,0996 mg/kg
		Soil Value: 0,196 mg/kg
1,6-bis(2,3- epoxypropoxy)hexane	:	Sewage treatment plant Value: 1 mg/l
		Fresh water Value: 0,0115 mg/l
		Fresh water sediment Value: 0,283 mg/kg
		Marine water Value: 0,00115 mg/l
		Marine sediment Value: 0,0283 mg/kg
		Soil Value: 0,223 mg/kg

8.2 Exposure controls

Engineering measures

Effective exhaust ventilation system
effective ventilation in all processing areas

Personal protective equipment

Eye protection	:	Do not wear contact lenses. Safety glasses with side-shields conforming to EN166 Ensure that eyewash stations and safety showers are close to the workstation location.
Hand protection	:	
Material	:	Chemical resistant gloves made of butyl rubber or nitrile rub- ber category III according to EN 374.
Skin and body protection	:	Protective suit
Respiratory protection	:	Use respiratory protection unless adequate local exhaust ven- tilation is provided or exposure assessment demonstrates that exposures are within recommended exposure guidelines. In the case of vapour formation use a respirator with an ap- proved filter. Respirator with a vapour filter (EN 141) Apply technical measures to comply with the occupational exposure limits.

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This should be achieved by a good general extraction and -if practically feasible- by the use of a local exhaust ventilation.

Protective measures : Avoid contact with skin.
Wear suitable protective equipment.

SECTION 9: Physical and chemical properties**9.1 Information on basic physical and chemical properties**

Appearance : liquid

Colour : white

Odour : slight

Odour Threshold : not determined

pH : not determined

Melting point/freezing point : Not applicable

Boiling point/boiling range : > 200 °C

Flash point : 150 °C

Evaporation rate : not determined

Upper explosion limit : Not applicable

Lower explosion limit : Not applicable

Vapour pressure : Not applicable

Relative vapour density : not determined

Density : 1,23 g/cm³ (25 °C)

Bulk density : not determined

Solubility(ies)
Solubility in other solvents : not determined

Partition coefficient: n-octanol/water : No data available

Auto-ignition temperature : Not applicable

Thermal decomposition : Method: No data available

Viscosity

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Viscosity, dynamic : 4.000 - 6.500 mPa.s (25 °C)

Viscosity, kinematic : not determined

Explosive properties : Not applicable

Oxidizing properties : Not applicable

9.2 Other information

Surface tension : not determined

Sublimation point : Not applicable

SECTION 10: Stability and reactivity**10.1 Reactivity**

Stable under recommended storage conditions.

10.2 Chemical stability

No decomposition if stored and applied as directed.

10.3 Possibility of hazardous reactionsHazardous reactions : Reacts with the following substances:
Bases
Strong oxidizing agents
Avoid amines.**10.4 Conditions to avoid**

Conditions to avoid : No decomposition if used as directed.

10.5 Incompatible materials

Materials to avoid : Incompatible with oxidizing agents.

10.6 Hazardous decomposition productsHazardous decomposition products : This product may release the following:
Carbon monoxide, carbon dioxide and unburned hydrocarbons (smoke).**SECTION 11: Toxicological information****11.1 Information on toxicological effects****Acute toxicity****Product:**

Acute oral toxicity : Remarks: No data available

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Components:**reaction product: bisphenol-A-(epichlorhydrin) and epoxy resin (number average molecular weight <= 700):**Acute oral toxicity : LD50 (Rat, female): > 2.000 mg/kg
Method: OECD Test Guideline 420
GLP: yesAcute demal toxicity : LD50 (Rat, male and female): > 2.000 mg/kg
Method: OECD Test Guideline 402
GLP: yes**Low boiling point naphtha - unspecified:**

Acute oral toxicity : LD50 (Rat): > 2.000 mg/kg

Acute inhalation toxicity : LC50 (Rat): > 5 mg/l
Exposure time: 4 hAcute demal toxicity : LD50 (Rabbit, male and female): > 3.160 mg/kg
Method: OECD Test Guideline 402**Skin corrosion/irritation****Product:**

Remarks: No data available

Components:**reaction product: bisphenol-A-(epichlorhydrin) and epoxy resin (number average molecular weight <= 700):**Species: Rabbit
Exposure time: 4 h
Method: OECD Test Guideline 404
Result: Skin irritation
GLP: yes**Low boiling point naphtha - unspecified:**Species: Rabbit
Method: OECD Test Guideline 404
Result: No skin irritation
GLP: yes**Serious eye damage/eye irritation****Product:**

Remarks: No data available

Components:**Low boiling point naphtha - unspecified:**Species: Rabbit
Method: OECD Test Guideline 405
Result: No eye irritation
GLP: yes

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Respiratory or skin sensitisation

Product:

Remarks: No data available

Components:

reaction product: bisphenol-A-(epichlorhydrin) and epoxy resin (number average molecular weight <= 700):

Test Type: Mouse Local Lymph Node assay (LLNA)

Species: Mouse

Method: OECD Test Guideline 429

Result: May cause sensitisation by skin contact.

GLP: yes

Germ cell mutagenicity

Carcinogenicity

Reproductive toxicity

STOT - single exposure

Product:

Remarks: Not applicable

STOT - repeated exposure

Repeated dose toxicity

Product:

Remarks: No data available

Aspiration toxicity

Components:

reaction product: bisphenol-A-(epichlorhydrin) and epoxy resin (number average molecular weight <= 700):

No aspiration toxicity classification

Low boiling point naphtha - unspecified:

The substance or mixture is known to cause human aspiration toxicity hazards or has to be regarded as if it causes a human aspiration toxicity hazard.

Further information

Product:

Remarks: No data available

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SECTION 12: Ecological information**12.1 Toxicity****Product:**

Toxicity to fish : Remarks: No data available

Toxicity to daphnia and other aquatic invertebrates : Remarks: No data available

Components:**reaction product: bisphenol-A-(epichlorhydrin) and epoxy resin (number average molecular weight <= 700):**Toxicity to daphnia and other aquatic invertebrates : EC50 (Daphnia (water flea)): 1,7 mg/l
Exposure time: 48 h
Test Type: static test
Method: OECD Test Guideline 202
GLP: yesToxicity to daphnia and other aquatic invertebrates (Chronic toxicity) : NOEC: 0,3 mg/l
Exposure time: 21 d
Species: Daphnia magna (Water flea)
Test Type: semi-static test
Method: OECD Test Guideline 211
GLP: yes**Low boiling point naphtha - unspecified:**Toxicity to fish : LL50 (Fish): 9,2 mg/l
Exposure time: 96 h
Method: OECD Test Guideline 203
GLP: yesToxicity to daphnia and other aquatic invertebrates : EC50 (Daphnia magna (Water flea)): 3,2 mg/l
Exposure time: 48 h
Method: OECD Test Guideline 202
GLP: yesToxicity to algae : EC50 (Pseudokirchneriella subcapitata): 2,6 mg/l
Exposure time: 72 h
Method: OECD Test Guideline 201
GLP: yes**12.2 Persistence and degradability****Product:**

Biodegradability : Remarks: No data available

Components:**reaction product: bisphenol-A-(epichlorhydrin) and epoxy resin (number average molecular weight <= 700):**

Biodegradability : Result: Not readily biodegradable.

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Method: OECD Test Guideline 301F
GLP: yes**Low boiling point naphtha - unspecified:**Biodegradability : Result: Readily biodegradable.
Method: OECD Test Guideline 301F**12.3 Bioaccumulative potential****Product:**

Bioaccumulation : Remarks: No data available

12.4 Mobility in soil

No data available

12.5 Results of PBT and vPvB assessment**Product:**

Assessment : 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..

12.6 Other adverse effects**Product:**

Additional ecological information : Remarks: An environmental hazard cannot be excluded in the event of unprofessional handling or disposal.

SECTION 13: Disposal considerations**13.1 Waste treatment methods**Product : In accordance with local and national regulations.
Container hazardous when empty.
Do not dispose of with domestic refuse.
Do not mix waste streams during collection.

Contaminated packaging : Empty containers should be taken to an approved waste handling site for recycling or disposal.

SECTION 14: Transport information**14.1 UN number**ADR/RID : UN 3082
IMDG : UN 3082
IATA : UN 3082**14.2 UN proper shipping name**

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ADR/RID	:	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Epoxy resin)
IMDG	:	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Epoxy resin)
IATA	:	Environmentally hazardous substance, liquid, n.o.s. (Epoxy resin)

14.3 Transport hazard class(es)

ADR/RID	:	9
IMDG	:	9
IATA	:	9

14.4 Packing group

ADR/RID		
Packing group	:	III
Classification Code	:	M6
Hazard Identification Number	:	90
Labels	:	9
Tunnel restriction code	:	E
IMDG		
Packing group	:	III
Labels	:	9
EmS Code	:	F-A, S-F
IATA		
Packing instruction (cargo aircraft)	:	964
Packing instruction (passenger aircraft)	:	964
Packing group	:	III
Labels	:	9

14.5 Environmental hazards

ADR/RID		
Environmentally hazardous	:	yes
IMDG		
Marine pollutant	:	yes

14.6 Special precautions for user

Not applicable

14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not applicable for product as supplied.

SECTION 15: Regulatory information**15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**

REACH - Restrictions on the manufacture, placing on : Low boiling point naphtha - unspeci-

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the market and use of certain dangerous substances, preparations and articles (Annex XVII)

fied
2-methoxy-1-methylethyl acetate
toluene

REACH - Candidate List of Substances of Very High Concern for Authorisation (Article 59).

: This product does not contain substances of very high concern (Regulation (EC) No 1907/2006 (REACH), Article 57).

REACH - List of substances subject to authorisation (Annex XIV)

: Not applicable

Seveso II - Directive 2003/105/EC amending Council Directive 96/82/EC on the control of major-accident hazards involving dangerous substances

9b

Dangerous for the environment

Quantity 1
200 t

Quantity 2
500 t

15.2 Chemical Safety Assessment

Not applicable

SECTION 16: Other information

Full text of R-Phrases

- R10 : Flammable.
- R36/38 : Irritating to eyes and skin.
- R37 : Irritating to respiratory system.
- R43 : May cause sensitisation by skin contact.
- R51 : Toxic to aquatic organisms.
- R51/53 : Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
- R52/53 : Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
- R53 : May cause long-term adverse effects in the aquatic environment.
- R65 : Harmful: may cause lung damage if swallowed.
- R66 : Repeated exposure may cause skin dryness or cracking.
- R67 : Vapours may cause drowsiness and dizziness.

Full text of H-Statements

- H226 : Flammable liquid and vapour.
- H304 : May be fatal if swallowed and enters airways.
- H315 : Causes skin irritation.
- H317 : May cause an allergic skin reaction.
- H319 : Causes serious eye irritation.
- H335 : May cause respiratory irritation.
- H336 : May cause drowsiness or dizziness.
- H411 : Toxic to aquatic life with long lasting effects.
- H412 : Harmful to aquatic life with long lasting effects.

Full text of other abbreviations

- Aquatic Chronic : Chronic aquatic toxicity
- Asp. Tox. : Aspiration hazard
- Eye Irrit. : Eye irritation
- Flam. Liq. : Flammable liquids

SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006

EPROPOX HC 120 A +

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Skin Irrit. : Skin irritation
Skin Sens. : Skin sensitisation
STOT SE : Specific target organ toxicity - single exposure

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