



EPOXITE DUR (component B) 24-10-13-B

SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1 Product identifier: EPOXITE DUR (component B)

24-10-13-B

Other means of identification:

Non-applicable

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

Relevant uses: Surface Primer

Uses advised against: All uses not specified in this section or in section 7.3

1.3 Details of the supplier of the safety data sheet:

Evochem S.A. Tzaverdella Place

133 41 Phili - Attica - Greece

Phone: 0030 210 5590460, 0030 210 5590155 - Fax: 0030 210 6254737, 0030 210 5590244

info@evochem.gr http://www.evochem.gr

1.4 Emergency telephone number: National Poisoning Center 2107793777

SECTION 2: HAZARDS IDENTIFICATION **

2.1 Classification of the substance or mixture:

CLP Regulation (EC) No 1272/2008:

Classification of this product has been carried out in accordance with CLP Regulation (EC) No 1272/2008.

Acute Tox. 4: Acute toxicity, Category 4, H312+H332

Aquatic Chronic 3: Hazardous to the aquatic environment, long-term hazard, Category 3, H412

Eye Dam. 1: Serious eye damage, Category 1, H318 Flam. Liq. 2: Flammable liquids, Category 2, H225

Skin Irrit. 2: Skin irritation, Category 2, H315

Skin Sens. 1A: Sensitisation, skin, Category 1A, H317

STOT SE 3: Specific toxicity causing drowsiness and dizziness, single exposure, Category 3, H336

2.2 Label elements:

CLP Regulation (EC) No 1272/2008:

Danger







Hazard statements:

Acute Tox. 4: H312+H332 - Harmful in contact with skin or if inhaled.

Aquatic Chronic 3: H412 - Harmful to aquatic life with long lasting effects.

Eye Dam. 1: H318 - Causes serious eye damage.

Flam. Liq. 2: H225 - Highly flammable liquid and vapour.

Skin Irrit. 2: H315 - Causes skin irritation.

Skin Sens. 1A: H317 - May cause an allergic skin reaction.

STOT SE 3: H336 - May cause drowsiness or dizziness.

Precautionary statements:

P101: If medical advice is needed, have product container or label at hand.

P102: Keep out of reach of children.

P210: Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

P264: Wash thoroughly after handling.

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

P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P370+P378: In case of fire: Use ABC powder extinguisher to extinguish.

P501: Dispose of contents/container according to the separated collection system used in your municipality.

Substances that contribute to the classification

Xylene; Butanone; Polyamide; 3,6-diazaoctanethylenediamin

Date of compilation: 19/05/2015 Revised: 10/03/2022 Version: 4 (Replaced 3) **Page 1/15**

^{**} Changes with regards to the previous version

This SDS is an English translation of Regulation (EU) no 2015/830, without any country-specific legislation



EPOXITE DUR (component B) 24-10-13-B

SECTION 2: HAZARDS IDENTIFICATION ** (continued)

UFI: VFN0-Q0KG-400N-8W1U

2.3 Other hazards:

Product fails to meet PBT/vPvB criteria

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS **

3.1 Substance:

Non-applicable

3.2 Mixture:

Chemical description: Mixture composed of epoxy resin in solvents

Components:

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

	Identification		Chemical name/Classification			
CAS:	1330-20-7	Xylene ⁽¹⁾				
EC: Index: REACH:	215-535-7 601-022-00-9 01-2119488216-32- XXXX	Regulation 1272/2008	Acute Tox. 4: H312+H332; Flam. Liq. 3: H226; Skin Irrit. 2: H315 - Warning	<u>(1)</u>	24 - <50 %	
CAS:	78-93-3	Butanone ⁽¹⁾		ATP CLP00		
Index:	EC: 201-159-0 Index: 606-002-00-3 REACH: 01-2119457290-43- XXXX		Eye Irrit. 2: H319; Flam. Liq. 2: H225; STOT SE 3: H336; EUH066 - Danger	<u>(1)</u>	24 - <50 %	
CAS:	68410-23-1	Polyamide(1)		Self-classified		
EC: Index: REACH:	614-452-7 Non-applicable 01-2119972323-38- XXXX	Regulation 1272/2008	Aquatic Chronic 2: H411; Eye Dam. 1: H318; Skin Irrit. 2: H315; Skin Sens. 1A: H317 - Danger		19 - <24 %	
CAS:	90-72-2	2,4,6-tris(dimethyla	minomethyl)phenol ⁽¹⁾	ATP CLP00		
Index:	EC: 202-013-9 Index: 603-069-00-0 REACH: 01-2119560597-27- XXXX		Acute Tox. 4: H302; Eye Irrit. 2: H319; Skin Irrit. 2: H315 - Warning	<u>(1)</u>	0,9 - <2,4 %	
CAS:	112-24-3	3,6-diazaoctanethyle	enediamin ⁽¹⁾	ATP CLP00		
EC: Index: REACH:	203-950-6 612-059-00-5 Non-applicable	Regulation 1272/2008	Acute Tox. 4: H312; Aquatic Chronic 3: H412; Skin Corr. 1B: H314; Skin Sens. 1: Danger	H317 - (!)	0,9 - <2,4 %	

⁽¹⁾ Substances presenting a health or environmental hazard which meet criteria laid down in Regulation (EU) No. 2015/830

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

SECTION 4: FIRST AID MEASURES

4.1 Description of first aid measures:

The symptoms resulting from intoxication can appear after exposure, therefore, in case of doubt, seek medical attention for direct exposure to the chemical product or persistent discomfort, showing the SDS of this product.

By inhalation:

Remove the person affected from the area of exposure, provide with fresh air and keep at rest. In serious cases such as cardiorespiratory failure, artificial resuscitation techniques will be necessary (mouth to mouth resuscitation, cardiac massage, oxygen supply, etc.) requiring immediate medical assistance.

By skin contact:

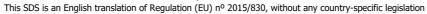
Remove contaminated clothing and footwear, rinse skin or shower the person affected if appropriate with plenty of cold water and neutral soap. In serious cases see a doctor. If the product causes burns or freezing, clothing should not be removed as this could worsen the injury caused if it is stuck to the skin. If blisters form on the skin, these should never be burst as this will increase the risk of infection.

- CONTINUED ON NEXT PAGE -

By eye contact:

^{**} Changes with regards to the previous version

^{**} Changes with regards to the previous version





EPOXITE DUR (component B) 24-10-13-B

SECTION 4: FIRST AID MEASURES (continued)

Rinse eyes thoroughly with water for at least 15 minutes. If the injured person uses contact lenses, these should be removed unless they are stuck to the eyes, in which case removal could cause further damage. In all cases, after cleaning, a doctor should be consulted as quickly as possible with the SDS for the product.

By ingestion/aspiration:

Do not induce vomiting, but if it does happen keep the head down to avoid aspiration. Keep the person affected at rest. Rinse out the mouth and throat, as they may have been affected during ingestion.

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

Acute and delayed effects are indicated in sections 2 and 11.

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

Non-applicable

SECTION 5: FIREFIGHTING MEASURES

5.1 Extinguishing media:

Suitable extinguishing media:

If possible use polyvalent powder fire extinguishers (ABC powder), alternatively use foam or carbon dioxide extinguishers (CO2).

Unsuitable extinguishing media:

IT IS RECOMMENDED NOT to use full jet water as an extinguishing agent.

5.2 Special hazards arising from the substance or mixture:

As a result of combustion or thermal decomposition reactive sub-products are created that can become highly toxic and, consequently, can present a serious health risk.

5.3 Advice for firefighters:

Depending on the magnitude of the fire it may be necessary to use full protective clothing and self-contained breathing apparatus (SCBA). Minimum emergency facilities and equipment should be available (fire blankets, portable first aid kit,...) in accordance with Directive 89/654/EC.

Additional provisions:

Act in accordance with the Internal Emergency Plan and the Information Sheets on actions to take after an accident or other emergencies. Eliminate all sources of ignition. In case of fire, cool the storage containers and tanks for products susceptible to combustion, explosion or BLEVE as a result of high temperatures. Avoid spillage of the products used to extinguish the fire into an aqueous medium.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures:

For non-emergency personnel:

Isolate leaks provided that there is no additional risk for the people performing this task. Evacuate the area and keep out those without protection. Personal protection equipment must be used against potential contact with the spilt product (See section 8). Above all prevent the formation of any vapour-air flammable mixtures, through either ventilation or the use of an inert medium. Remove any source of ignition. Eliminate electrostatic charges by interconnecting all the conductive surfaces on which static electricity could form, and also ensuring that all surfaces are connected to the ground.

For emergency responders:

See section 8.

6.2 Environmental precautions:

Avoid at all cost any type of spillage into an aqueous medium. Contain the product absorbed appropriately in hermetically sealed containers. Notify the relevant authority in case of exposure to the general public or the environment.

6.3 Methods and material for containment and cleaning up:

It is recommended:

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

6.4 Reference to other sections:

See sections 8 and 13.

This SDS is an English translation of Regulation (EU) no 2015/830, without any country-specific legislation



EPOXITE DUR (component B) 24-10-13-B

SECTION 7: HANDLING AND STORAGE

7.1 Precautions for safe handling:

A.- General precautions for safe use

Comply with the current legislation concerning the prevention of industrial risks. Keep containers hermetically sealed. Control spills and residues, destroying them with safe methods (section 6). Avoid leakages from the container. Maintain order and cleanliness where dangerous products are used.

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

Transfer in well ventilated areas, preferably through localized extraction. Fully control sources of ignition (mobile phones, sparks,...) and ventilate during cleaning operations. Avoid the existence of dangerous atmospheres inside containers, applying inertization systems where possible. Transfer at a slow speed to avoid the creation of electrostatic charges. Against the possibility of electrostatic charges: ensure a perfect equipotential connection, always use groundings, do not wear work clothes made of acrylic fibres, preferably wearing cotton clothing and conductive footwear. Comply with the essential security requirements for equipment and systems defined in Directive 2014/34/EC (ATEX 100) and with the minimum requirements for protecting the security and health of workers under the selection criteria of Directive 1999/92/EC (ATEX 137). Consult section 10 for conditions and materials that should be avoided.

C.- Technical recommendations on general occupational hygiene

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

D.- Technical recommendations to prevent environmental risks

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

7.2 Conditions for safe storage, including any incompatibilities:

A.- Technical measures for storage

Minimum Temp.: 5 °C

Maximum Temp.: 35 °C

Maximum time: 12 Months

B.- General conditions for storage

Avoid sources of heat, radiation, static electricity and contact with food. For additional information see subsection 10.5

7.3 Specific end use(s):

Except for the instructions already specified it is not necessary to provide any special recommendation regarding the uses of this product.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control parameters:

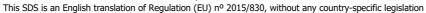
Substances whose occupational exposure limits have to be monitored in the workplace (European OEL, not country-specific legislation):

Directive (EU) 2000/39, Directive 2004/37/EC, Directive (EU) 2006/15, Directive (EU) 2009/161, Directive (EU) 2017/164, Directive (EU) 2019/1831:

Identification	Occupational exposure limits		
Xylene	IOELV (8h)	50 ppm	221 mg/m ³
CAS: 1330-20-7 EC: 215-535-7	IOELV (STEL)	100 ppm	442 mg/m ³
Butanone	IOELV (8h)	200 ppm	600 mg/m ³
CAS: 78-93-3 EC: 201-159-0	IOELV (STEL)	300 ppm	900 mg/m ³

DNEL (Workers):

		Short exposure		Long exposure	
Identification	Systemic	Local	Systemic	Local	
Xylene	Oral	Non-applicable	Non-applicable	Non-applicable	Non-applicable
CAS: 1330-20-7	Dermal	Non-applicable	Non-applicable	212 mg/kg	Non-applicable
EC: 215-535-7	Inhalation	442 mg/m³	442 mg/m ³	221 mg/m³	221 mg/m ³
Butanone	Oral	Non-applicable	Non-applicable	Non-applicable	Non-applicable
CAS: 78-93-3	Dermal	Non-applicable	Non-applicable	1161 mg/kg	Non-applicable
EC: 201-159-0	Inhalation	Non-applicable	Non-applicable	600 mg/m ³	Non-applicable





EPOXITE DUR (component B) 24-10-13-B

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION (continued)

		Short	Short exposure		Long exposure	
Identification		Systemic	Local	Systemic	Local	
Polyamide	Oral	Non-applicable	Non-applicable	Non-applicable	Non-applicable	
CAS: 68410-23-1	Dermal	Non-applicable	Non-applicable	1,1 mg/kg	Non-applicable	
EC: 614-452-7	Inhalation	Non-applicable	Non-applicable	3,9 mg/m ³	Non-applicable	
2,4,6-tris(dimethylaminomethyl)phenol	Oral	Non-applicable	Non-applicable	Non-applicable	Non-applicable	
CAS: 90-72-2	Dermal	Non-applicable	Non-applicable	0,15 mg/kg	Non-applicable	
EC: 202-013-9	Inhalation	Non-applicable	Non-applicable	0,53 mg/m ³	Non-applicable	

DNEL (General population):

		Short exposure		Long exposure	
Identification		Systemic	Local	Systemic	Local
Xylene	Oral	Non-applicable	Non-applicable	12,5 mg/kg	Non-applicable
CAS: 1330-20-7	Dermal	Non-applicable	Non-applicable	125 mg/kg	Non-applicable
EC: 215-535-7	Inhalation	260 mg/m ³	260 mg/m ³	65,3 mg/m ³	65,3 mg/m ³
Butanone	Oral	Non-applicable	Non-applicable	31 mg/kg	Non-applicable
CAS: 78-93-3	Dermal	Non-applicable	Non-applicable	412 mg/kg	Non-applicable
EC: 201-159-0	Inhalation	Non-applicable	Non-applicable	106 mg/m ³	Non-applicable
Polyamide	Oral	Non-applicable	Non-applicable	0,56 mg/kg	Non-applicable
CAS: 68410-23-1	Dermal	Non-applicable	Non-applicable	0,56 mg/kg	Non-applicable
EC: 614-452-7	Inhalation	Non-applicable	Non-applicable	0,97 mg/m ³	Non-applicable
2,4,6-tris(dimethylaminomethyl)phenol	Oral	Non-applicable	Non-applicable	0,075 mg/kg	Non-applicable
CAS: 90-72-2	Dermal	Non-applicable	Non-applicable	0,075 mg/kg	Non-applicable
EC: 202-013-9	Inhalation	Non-applicable	Non-applicable	0,13 mg/m ³	Non-applicable

PNEC:

Identification				
Xylene	STP	6,58 mg/L	Fresh water	0,327 mg/L
CAS: 1330-20-7	Soil	2,31 mg/kg	Marine water	0,327 mg/L
EC: 215-535-7	Intermittent	0,327 mg/L	Sediment (Fresh water)	12,46 mg/kg
	Oral	Non-applicable	Sediment (Marine water)	12,46 mg/kg
Butanone	STP	709 mg/L	Fresh water	55,8 mg/L
CAS: 78-93-3	Soil	22,5 mg/kg	Marine water	55,8 mg/L
EC: 201-159-0	Intermittent	55,8 mg/L	Sediment (Fresh water)	284,74 mg/kg
	Oral	1 g/kg	Sediment (Marine water)	284,7 mg/kg
Polyamide	STP	3,14 mg/L	Fresh water	0,004 mg/L
CAS: 68410-23-1	Soil	82,18 mg/kg	Marine water	0 mg/L
EC: 614-452-7	Intermittent	0,041 mg/L	Sediment (Fresh water)	411,01 mg/kg
	Oral	Non-applicable	Sediment (Marine water)	41,1 mg/kg
2,4,6-tris(dimethylaminomethyl)phenol	STP	0,2 mg/L	Fresh water	0,046 mg/L
CAS: 90-72-2	Soil	0,025 mg/kg	Marine water	0,005 mg/L
EC: 202-013-9	Intermittent	0,46 mg/L	Sediment (Fresh water)	0,262 mg/kg
	Oral	Non-applicable	Sediment (Marine water)	0,026 mg/kg

8.2 Exposure controls:

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

If product is used at the concentration dosing conditions specified in the relevant instructions for use (section 15), personal protective equipment described in section 8.2 for UNDILUTED products will not be required.

Safe handling recommendations for undiluted product:

As a preventative measure it is recommended to use basic Personal Protective Equipment, with the corresponding <<CE marking>> in accordance with Regulation (EU) 2016/425. For more information on Personal Protective Equipment (storage, use, cleaning, maintenance, class of protection,...) consult the information leaflet provided by the manufacturer. For more information see subsection 7.1. All information contained herein is a recommendation which needs some specification from the labour risk prevention services as it is not known whether the company has additional measures at its disposal.

- CONTINUED ON NEXT PAGE -

B.- Respiratory protection

This SDS is an English translation of Regulation (EU) no 2015/830, without any country-specific legislation



EPOXITE DUR (component B) 24-10-13-B

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION (continued)

Pictogram	PPE	Labelling	CEN Standard	Remarks
Mandatory respiratory tract protection	Filter mask for gases and vapours	CAT III	EN 405:2002+A1:2010	Replace when there is a taste or smell of the contaminant inside the face mask. If the contaminant comes with warnings it is recommended to use isolation equipment.

C.- Specific protection for the hands

Pictogram	PPE	Labelling	CEN Standard	Remarks	
Mandatory hand protection	Chemical protective gloves (Material: Linear low-density polyethylene (LLDPE), Breakthrough time: > 480 min, Thickness: 0.062 mm)	CAT III	EN 420:2004+A1:2010	Replace the gloves at any sign of deterioration.	

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

D.- Eye and face protection

Pictogram	PPE	Labelling	CEN Standard	Remarks
Mandatory face protection	Face shield	CATI	EN 166:2002 EN 167:2002 EN 168:2002 EN ISO 4007:2018	Clean daily and disinfect periodically according to the manufacturer's instructions. Use if there is a risk of splashing.

E.- Body protection

Pictogram	PPE	Labelling	CEN Standard	Remarks
Mandatory complete body protection	Disposable clothing for protection against chemical risks, with antistatic and fireproof properties	CATIII	EN 1149-1,2,3 EN 13034:2005+A1:2009 EN ISO 13982- 1:2004/A1:2010 EN ISO 6529:2013 EN ISO 6530:2005 EN ISO 13688:2013 EN 464:1994	For professional use only. Clean periodically according to the manufacturer's instructions.
Mandatory foot protection	Safety footwear for protection against chemical risk, with antistatic and heat resistant properties	CATIII	EN ISO 13287:2013 EN ISO 20345:2011 EN 13832-1:2019	Replace boots at any sign of deterioration.

F.- Additional emergency measures

Emergency measure	Standards	Emergency measure	Standards
Emergency shower	ANSI Z358-1 ISO 3864-1:2011, ISO 3864-4:2011	Eyewash stations	DIN 12 899 ISO 3864-1:2011, ISO 3864-4:2011

Environmental exposure controls:

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

Volatile organic compounds:

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

V.O.C. (Supply): 78 % weight

V.O.C. density at 20 °C: 690,69 kg/m³ (690,69 g/L)

Average carbon number: 6,46

Average molecular weight: 93,08 g/mol

With regard to Directive 2004/42/EC, this product which is ready to use has the following characteristics:

V.O.C. density at 20 °C: 690,69 kg/m³ (690,69 g/L)

EU limit for the product (Cat. A.H): 750 g/L (2010)

Date of compilation: 19/05/2015 Revised: 10/03/2022 Version: 4 (Replaced 3) **Page 6/15**

This SDS is an English translation of Regulation (EU) no 2015/830, without any country-specific legislation



EPOXITE DUR (component B) 24-10-13-B

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION (continued)

Components: Non-applicable

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties:

For complete information see the product datasheet.

Appearance:

Physical state at 20 °C:

Appearance:

Colour:

Codour:

Characteristic

Odour threshold:

Non-applicable *

Volatility:

Boiling point at atmospheric pressure: 108 °C Vapour pressure at 20 °C: 4971 Pa

Vapour pressure at 50 °C: 19047,98 Pa (19,05 kPa)
Evaporation rate at 20 °C: Non-applicable *

Product description:

Density at 20 °C:

Relative density at 20 °C:

Dynamic viscosity at 20 °C:

Kinematic viscosity at 20 °C:

Kinematic viscosity at 20 °C:

Kinematic viscosity at 40 °C:

Non-applicable *

Concentration: 940 g/L (active ingredient)

pH:

Vapour density at 20 °C:

Partition coefficient n-octanol/water 20 °C:

Non-applicable *

Melting point/freezing point:

Non-applicable *

Flammability:

Flash Point: 10 °C

Flammability (solid, gas):

Autoignition temperature:

Non-applicable *
338 °C

Lower flammability limit:

Upper flammability limit:

Not available

Not available

Particle characteristics:

Median equivalent diameter: Non-applicable

9.2 Other information:

Information with regard to physical hazard classes:

Explosive properties: Non-applicable *

Oxidising properties: Non-applicable *

Corrosive to metals: Non-applicable *

Heat of combustion: Non-applicable *

 ${}^*\mathrm{Not}$ relevant due to the nature of the product, not providing information property of its hazards.

Date of compilation: 19/05/2015 Revised: 10/03/2022 Version: 4 (Replaced 3) **Page 7/15**

This SDS is an English translation of Regulation (EU) no 2015/830, without any country-specific legislation



EPOXITE DUR (component B) 24-10-13-B

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES (continued)

Aerosols-total percentage (by mass) of flammable

Non-applicable *

components:

Other safety characteristics:

Surface tension at 20 °C:

Refraction index:

Non-applicable *

Non-applicable *

*Not relevant due to the nature of the product, not providing information property of its hazards.

SECTION 10: STABILITY AND REACTIVITY

10.1 Reactivity:

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

10.2 Chemical stability:

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

10.3 Possibility of hazardous reactions:

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

10.4 Conditions to avoid:

Applicable for handling and storage at room temperature:

Shock and friction	Contact with air	Increase in temperature	Sunlight	Humidity
Not applicable	Not applicable	Risk of combustion	Avoid direct impact	Not applicable

10.5 Incompatible materials:

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

10.6 Hazardous decomposition products:

See subsection 10.3, 10.4 and 10.5 to find out the specific decomposition products. Depending on the decomposition conditions, complex mixtures of chemical substances can be released: carbon dioxide (CO2), carbon monoxide and other organic compounds.

SECTION 11: TOXICOLOGICAL INFORMATION **

11.1 Information on toxicological effects:

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

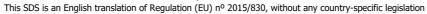
Dangerous health implications:

In case of exposure that is repetitive, prolonged or at concentrations higher than the recommended occupational exposure limits, adverse effects on health may result, depending on the means of exposure:

- A- Ingestion (acute effect):
 - Acute toxicity: Based on available data, the classification criteria are not met, however, it contains substances classified as dangerous for consumption. For more information see section 3.
 - Corrosivity/Irritability: The consumption of a considerable dose can cause irritation in the throat, abdominal pain, nausea and vomiting.
- B- Inhalation (acute effect):
 - Acute toxicity: Exposure in high concentration can interfere with the central nervous system causing headache, dizziness, vertigo, nausea, vomiting, confusion, and in serious cases, loss of consciousness.
 - Corrosivity/Irritability: Based on available data, the classification criteria are not met. However, it does contain substances classified as hazardous for this effect. For more information see section 3.
- C- Contact with the skin and the eyes (acute effect):
 - Contact with the skin: Produces skin inflammation.
 - Contact with the eyes: Produces serious eye damage after contact.
- D- CMR effects (carcinogenicity, mutagenicity and toxicity to reproduction):

Date of compilation: 19/05/2015 Revised: 10/03/2022 Version: 4 (Replaced 3) **Page 8/15**

^{**} Changes with regards to the previous version





EPOXITE DUR (component B) 24-10-13-B

SECTION 11: TOXICOLOGICAL INFORMATION ** (continued)

- Carcinogenicity: Based on available data, the classification criteria are not met, as it does not contain substances classified as hazardous for the effects mentioned. For more information see section 3.
 - IARC: Xylene (3)
- Mutagenicity: Based on available data, the classification criteria are not met, as it does not contain substances classified as hazardous for this effect. For more information see section 3.
- Reproductive toxicity: Based on available data, the classification criteria are not met, as it does not contain substances classified as hazardous for this effect. For more information see section 3.
- E- Sensitizing effects:
 - Respiratory: Based on available data, the classification criteria are not met, as it does not contain substances classified as hazardous with sensitising effects. For more information see section 3.
 - Skin: Prolonged contact with the skin can result in episodes of allergic contact dermatitis.
- F- Specific target organ toxicity (STOT) single exposure:

Exposure in high concentration can interfere with the central nervous system causing headache, dizziness, vertigo, nausea, vomiting, confusion, and in serious cases, loss of consciousness.

- G- Specific target organ toxicity (STOT)-repeated exposure:
 - Specific target organ toxicity (STOT)-repeated exposure: Based on available data, the classification criteria are not met, as it does not contain substances classified as hazardous for this effect. For more information see section 3.
 - Skin: Based on available data, the classification criteria are not met. However, it does contain substances which are classified as dangerous due to repetitive exposure. For more information see section 3.
- H- Aspiration hazard:

Based on available data, the classification criteria are not met, as it does not contain substances classified as hazardous for this effect. For more information see section 3.

Other information:

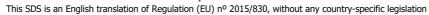
Non-applicable

Specific toxicology information on the substances:

Identification	А	cute toxicity	Genus
3,6-diazaoctanethylenediamin	LD50 oral	2100 mg/kg	Rat
CAS: 112-24-3	LD50 dermal	1100 mg/kg	Rat
EC: 203-950-6	LC50 inhalation	Non-applicable	
Xylene	LD50 oral	3523 mg/kg	Rat
CAS: 1330-20-7	LD50 dermal	1100 mg/kg (ATEi)	
EC: 215-535-7	LC50 inhalation	11 mg/L (ATEi)	
Butanone	LD50 oral	4000 mg/kg	Rat
CAS: 78-93-3	LD50 dermal	6400 mg/kg	Rabbit
EC: 201-159-0	LC50 inhalation	23,5 mg/L (4 h)	Rat
2,4,6-tris(dimethylaminomethyl)phenol	LD50 oral	1200 mg/kg	Rat
CAS: 90-72-2	LD50 dermal	Non-applicable	
ges with regards to the previous version	LC50 inhalation	Non-applicable	

^{**} Changes with regards to the previous version

- CONTINUED ON NEXT PAGE
Date of compilation: 19/05/2015 Revised: 10/03/2022 Version: 4 (Replaced 3) Page 9/15





EPOXITE DUR (component B) 24-10-13-B

SECTION 12: ECOLOGICAL INFORMATION **

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

12.1 Toxicity:

Acute toxicity:

Identification		Concentration	Species	Genus
Butanone	LC50	3220 mg/L (96 h)	Pimephales promelas	Fish
CAS: 78-93-3	EC50	5091 mg/L (48 h)	Daphnia magna	Crustacean
EC: 201-159-0	EC50	4300 mg/L (168 h)	Scenedesmus quadricauda	Algae
Polyamide	LC50	>1 - 10 (96 h)		Fish
CAS: 68410-23-1	EC50	>1 - 10 (48 h)		Crustacean
EC: 614-452-7	EC50	>1 - 10 (72 h)		Algae
2,4,6-tris(dimethylaminomethyl)phenol	LC50	345 mg/L (96 h)	QSAR	Fish
CAS: 90-72-2	EC50	Non-applicable		
EC: 202-013-9	EC50	Non-applicable		
3,6-diazaoctanethylenediamin	LC50	495 mg/L (96 h)	Pimephales promelas	Fish
CAS: 112-24-3	EC50	31,1 mg/L (48 h)	Daphnia magna	Crustacean
EC: 203-950-6	EC50	Non-applicable		

Chronic toxicity:

Identification		Concentration	Species	Genus
Xylene		1,3 mg/L	Oncorhynchus mykiss	Fish
CAS: 1330-20-7 EC: 215-535-7		1,17 mg/L	Ceriodaphnia dubia	Crustacean

12.2 Persistence and degradability:

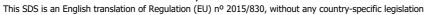
Identification	Degradability		Biodegradability		
Xylene	BOD5	Non-applicable	Concentration	Non-applicable	
CAS: 1330-20-7	COD	Non-applicable	Period	28 days	
EC: 215-535-7	BOD5/COD	Non-applicable	% Biodegradable	88 %	
Butanone	BOD5	2,03 g O2/g	Concentration	Non-applicable	
CAS: 78-93-3	COD	2,31 g O2/g	Period	20 days	
EC: 201-159-0	BOD5/COD	0,88	% Biodegradable	89 %	

12.3 Bioaccumulative potential:

Identification				Bioaccumulation potential		
Xylene		BCF	9			
CAS: 1330-20-7					Pow Log	2.77
EC: 215-535-7	\				Potential	Low

^{**} Changes with regards to the previous version

- CONTINUED ON NEXT PAGE
Date of compilation: 19/05/2015 Revised: 10/03/2022 Version: 4 (Replaced 3) Page 10/15





EPOXITE DUR (component B) 24-10-13-B

SECTION 12: ECOLOGICAL INFORMATION ** (continued)

Identification	Bioaccumulation potential		
Butanone	BCF	3	
CAS: 78-93-3	Pow Log	0.29	
EC: 201-159-0	Potential	Low	
2,4,6-tris(dimethylaminomethyl)phenol	BCF	3	
CAS: 90-72-2	Pow Log	0.77	
EC: 202-013-9	Potential	Low	

12.4 Mobility in soil:

Identification	Absorpt	ion/desorption	Volat	ility
Xylene	Koc	202	Henry	524,86 Pa·m³/mol
CAS: 1330-20-7	Conclusion	Moderate	Dry soil	Yes
EC: 215-535-7	Surface tension	Non-applicable	Moist soil	Yes
Butanone	Koc	30	Henry	5,77 Pa·m³/mol
CAS: 78-93-3	Conclusion	Very High	Dry soil	Yes
EC: 201-159-0	Surface tension	2,396E-2 N/m (25 °C)	Moist soil	Yes
2,4,6-tris(dimethylaminomethyl)phenol	Koc	15130	Henry	9,312E-12 Pa·m³/mol
CAS: 90-72-2	Conclusion	Immobile	Dry soil	No
EC: 202-013-9	Surface tension	Non-applicable	Moist soil	No
3,6-diazaoctanethylenediamin	Koc	Non-applicable	Henry	Non-applicable
CAS: 112-24-3	Conclusion	Non-applicable	Dry soil	Non-applicable
EC: 203-950-6	Surface tension	4,307E-2 N/m (25 °C)	Moist soil	Non-applicable

12.5 Results of PBT and vPvB assessment:

Product fails to meet PBT/vPvB criteria

12.6 Other adverse effects:

Not described

SECTION 13: DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods:

Code	Description	Waste class (Regulation (EU) No 1357/2014)
	It is not possible to assign a specific code, as it depends on the intended use by the user	Dangerous

Type of waste (Regulation (EU) No 1357/2014):

HP14 Ecotoxic, HP3 Flammable, HP5 Specific Target Organ Toxicity (STOT)/Aspiration Toxicity, HP6 Acute Toxicity, HP13 Sensitising, HP4 Irritant — skin irritation and eye damage

Date of compilation: 19/05/2015 Revised: 10/03/2022 Version: 4 (Replaced 3) **Page 11/15**

^{**} Changes with regards to the previous version



This SDS is an English translation of Regulation (EU) no 2015/830, without any country-specific legislation

EPOXITE DUR (component B) 24-10-13-B

SECTION 13: DISPOSAL CONSIDERATIONS (continued)

Waste management (disposal and evaluation):

Consult the authorized waste service manager on the assessment and disposal operations in accordance with Annex 1 and Annex 2 (Directive 2008/98/EC). As under 15 01 (2014/955/EC) of the code and in case the container has been in direct contact with the product, it will be processed the same way as the actual product. Otherwise, it will be processed as non-dangerous residue. Waste should not be disposed of to drains. See paragraph 6.2.

Regulations related to waste management:

In accordance with Annex II of Regulation (EC) No 1907/2006 (REACH) the community or state provisions related to waste management are stated

Community legislation: Directive 2008/98/EC, 2014/955/EU, Regulation (EU) No 1357/2014

SECTION 14: TRANSPORT INFORMATION **

Transport of dangerous goods by land:

With regard to ADR 2021 and RID 2021:



14.1 UN number: UN1263 14.2 UN proper shipping name: PAINT 14.3 Transport hazard class(es): 3 3 14.4 Packing group: Π

14.5 Environmental hazards: Nο

14.6 Special precautions for user

Special regulations: 163, 367, 640D, 650

Tunnel restriction code: D/E Physico-Chemical properties: see section 9 Limited quantities: 5 L

14.7 Transport in bulk according to Annex II of Marpol and the IBC Code:

Non-applicable

Transport of dangerous goods by sea:

With regard to IMDG 39-18:



UN1263 14.1 UN number: **PAINT** 14.2 UN proper shipping name: 14.3 Transport hazard class(es): 3 Labels: 3 14.4 Packing group: ΙΙ 14.5 Marine pollutant: No

14.6 Special precautions for user Special regulations: 367, 163 EmS Codes: F-E, S-E Physico-Chemical properties: see section 9

> Limited quantities: 5 L

Segregation group: Non-applicable 14.7 Transport in bulk according Non-applicable

to Annex II of Marpol and

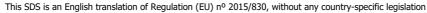
the IBC Code:

Transport of dangerous goods by air:

With regard to IATA/ICAO 2022:

Date of compilation: 19/05/2015 Revised: 10/03/2022 Version: 4 (Replaced 3) Page 12/15

^{**} Changes with regards to the previous version





EPOXITE DUR (component B) 24-10-13-B

SECTION 14: TRANSPORT INFORMATION ** (continued)



14.1 UN number: UN1263 PAINT 14.2 UN proper shipping name: 14.3 Transport hazard class(es): 3

Labels: 3 14.4 Packing group: ΙΙ 14.5 Environmental hazards: Nο

14.6 Special precautions for user

Physico-Chemical properties: see section 9 14.7 Transport in bulk according

to Annex II of Marpol and the IBC Code:

Non-applicable

SECTION 15: REGULATORY INFORMATION

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

Candidate substances for authorisation under the Regulation (EC) No 1907/2006 (REACH): Non-applicable

Substances included in Annex XIV of REACH ("Authorisation List") and sunset date: Non-applicable

Regulation (EC) No 1005/2009, about substances that deplete the ozone layer: Non-applicable

Article 95, REGULATION (EU) No 528/2012: Non-applicable

REGULATION (EU) No 649/2012, in relation to the import and export of hazardous chemical products: Non-applicable

Seveso III:

ı	Section	Description	Lower-tier requirements	Upper-tier requirements
	P5c	FLAMMABLE LIQUIDS	5000	50000

Limitations to commercialisation and the use of certain dangerous substances and mixtures (Annex XVII REACH, etc):

Shall not be used in:

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

-tricks and jokes,

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

Specific provisions in terms of protecting people or the environment:

It is recommended to use the information included in this safety data sheet as a basis for conducting workplace-specific risk assessments in order to establish the necessary risk prevention measures for the handling, use, storage and disposal of this product.

Relevant instructions for use:

Mix 2 parts of component A with 1 part of component B

Other legislation:

The product could be affected by sectorial legislation

15.2 Chemical safety assessment:

The supplier has not carried out evaluation of chemical safety.

SECTION 16: OTHER INFORMATION **

Legislation related to safety data sheets:

The SDS shall be supplied in an official language of the country where the product is placed on the market. This safety data sheet has been designed in accordance with ANNEX II-Guide to the compilation of safety data sheets of Regulation (EC) No 1907/2006 (Regulation (EC) No 2015/830).

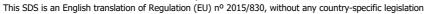
Modifications related to the previous Safety Data Sheet which concerns the ways of managing risks.:

- CONTINUED ON NEXT PAGE -

Date of compilation: 19/05/2015 Revised: 10/03/2022 Version: 4 (Replaced 3) Page 13/15

^{**} Changes with regards to the previous version

^{**} Changes with regards to the previous version





EPOXITE DUR (component B) 24-10-13-B

SECTION 16: OTHER INFORMATION ** (continued)

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

- · New declared substances
 - Butanone (78-93-3)
- · Removed substances
 - 4-methylpentan-2-one (108-10-1)
- CLP Regulation (EC) No 1272/2008 (SECTION 2, SECTION 16):
 - · Hazard statements
 - Supplementary information

TRANSPORT INFORMATION (SECTION 14):

· Packing group

Texts of the legislative phrases mentioned in section 2:

- H315: Causes skin irritation.
- H318: Causes serious eye damage.
- H412: Harmful to aquatic life with long lasting effects.
- H317: May cause an allergic skin reaction.
- H336: May cause drowsiness or dizziness.
- H312+H332: Harmful in contact with skin or if inhaled.
- H225: Highly flammable liquid and vapour.

Texts of the legislative phrases mentioned in section 3:

The phrases indicated do not refer to the product itself; they are present merely for informative purposes and refer to the individual components which appear in section 3

CLP Regulation (EC) No 1272/2008:

- Acute Tox. 4: H302 Harmful if swallowed.
- Acute Tox. 4: H312 Harmful in contact with skin.
- Acute Tox. 4: H312+H332 Harmful in contact with skin or if inhaled.
- Aquatic Chronic 2: H411 Toxic to aquatic life with long lasting effects.
- Aquatic Chronic 3: H412 Harmful to aquatic life with long lasting effects.
- Eye Dam. 1: H318 Causes serious eye damage.
- Eye Irrit. 2: H319 Causes serious eye irritation.
- Flam. Liq. 2: H225 Highly flammable liquid and vapour.
- Flam. Liq. 3: H226 Flammable liquid and vapour.
- Skin Corr. 1B: H314 Causes severe skin burns and eye damage.
- Skin Irrit. 2: H315 Causes skin irritation.
- Skin Sens. 1: H317 May cause an allergic skin reaction.
- Skin Sens. 1A: H317 May cause an allergic skin reaction.
- STOT SE 3: H336 May cause drowsiness or dizziness.

Classification procedure:

- Skin Irrit. 2: Calculation method Eye Dam. 1: Calculation method
- Aquatic Chronic 3: Calculation method
- Skin Sens. 1A: Calculation method
- STOT SE 3: Calculation method
- Acute Tox. 4: Calculation method
- Flam. Liq. 2: Calculation method (2.6.4.3)

Advice related to training:

Training is recommended in order to prevent industrial risks for staff using this product and to facilitate their comprehension and interpretation of this safety data sheet, as well as the label on the product.

Principal bibliographical sources:

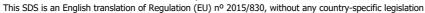
http://echa.europa.eu

http://eur-lex.europa.eu

Abbreviations and acronyms:

Date of compilation: 19/05/2015 Revised: 10/03/2022 Version: 4 (Replaced 3) **Page 14/15**

^{**} Changes with regards to the previous version





EPOXITE DUR (component B) 24-10-13-B

SECTION 16: OTHER INFORMATION ** (continued)

ADR: European agreement concerning the international carriage of dangerous goods by road

IMDG: International maritime dangerous goods code IATA: International Air Transport Association ICAO: International Civil Aviation Organisation

COD: Chemical Oxygen Demand

BOD5: 5day biochemical oxygen demand

BCF: Bioconcentration factor LD50: Lethal Dose 50 LC50: Lethal Concentration 50 EC50: Effective concentration 50

LogPOW: Octanolwater partition coefficient Koc: Partition coefficient of organic carbon

UFI: unique formula identifier

IARC: International Agency for Research on Cancer



^{**} Changes with regards to the previous version

The information contained in this safety data sheet is based on sources, technical knowledge and current legislation at European and state level, without being able to guarantee its accuracy. This information cannot be considered a guarantee of the properties of the product, it is simply a description of the security requirements. The occupational methodology and conditions for users of this product are not within our awareness or control, and it is ultimately the responsibility of the user to take the necessary measures to obtain the legal requirements concerning the manipulation, storage, use and disposal of chemical products. The information on this safety data sheet only refers to this product, which should not be used for needs other than those specified.

Date of compilation: 19/05/2015 Revised: 10/03/2022 Version: 4 (Replaced 3) **Page 15/15**