

# EPONITE TACKPRIMER - Base

## 1. IDENTIFICATION OF THE SUBSTANCE AND OF THE COMPANY

### 1.1 Product Identifier

Eponite Tackprimer - Base

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

Product Use [SU3] Industrial uses: Uses of substances as such or in preparations at industrial sites; [PC9a] Coatings and paints, thinners, paint removers; [PROC7] Industrial spraying; [SU3] Industrial uses: Uses of substances as such or in preparations at industrial sites; [PC9a] Coatings and paints, thinners, paint removers; [PROC10] Roller application or brushing; [SU3] Industrial uses: Uses of substances as such or in preparations at industrial sites; [PC9a] Coatings and paints, thinners, paint removers; [PROC11] Non industrial spraying;

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## 2. HAZARDS IDENTIFICATION

### 2.1 Classification of the substance or mixture:

2.1.1. Classification – 1999/45/EC Xi; R36/38-43 N; R51/53 Symbols: Xi: Irritant. N: Dangerous for the environment.

Main hazards Irritating to eyes and skin. May cause sensitisation by skin contact. Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

2.1.2. Classification - EC 1272/2008 Skin Irrit. 2: H315; Skin Sens. 1: H317; Eye Irrit. 2: H319; Aquatic Chronic 2: H411;

2.2 Label elements

Hazard pictograms

Signal Word Warning

Hazard Statement

Skin Irrit. 2: H315 - Causes skin irritation.

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

Eye Irrit. 2: H319 - Causes serious eye irritation.

Aquatic Chronic 2: H411 - Toxic to aquatic life with long lasting effects.

Precautionary Statement: Prevention

P261 - Avoid breathing dust/fume/gas/mist/vapours/spray.

P264 - Wash thoroughly after handling.

P272 - Contaminated work clothing should not be allowed out of the workplace.

P273 - Avoid release to the environment.

P280 - Wear protective gloves/protective clothing/eye protection/face protection.

Precautionary Statement: Response

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

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

P321 - Specific treatment (see on this label).

P332+P313 - If skin irritation occurs: Get medical advice/attention.

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

P337+P313 - If eye irritation persists: Get medical advice/attention.

P391 - Collect spillage.

Precautionary Statement Disposal :

P501 - Dispose of contents/container to

2.3 Other hazards Other hazards No data is available on this product.

### 3. COMPOSITION INFORMATION ON INGREDIENTS

#### 3.1 Mixtures

##### 67/548/EEC / 1999/45/EC

Chemical Name	Index No.	CAS No.	EC No.	REACH Registration Number	Conc. (%w/w)	Classification	M-factor.
Bisphenol A-(epichlorhydrin) (reaction product)	603-074-00-8	25068-38-6	500-033-5	01-2119456619-26	60 - 70%	Xi; R36/38 R43 N; R51/53	
bisphenol F-epoxy resin		9003-36-5	500-006-8	01-2119454392-40	10 - 20%		
Oxiran, Mono[(C12-14-alkyloxy)methyl]- derivative	603-103-00-4	68609-97-2	271-846-8	01-2119485289-22	1 - 10%	Xi; R38 R43	

##### EC 1272/2008

Chemical Name	Index No.	CAS No.	EC No.	REACH Registration Number	Conc. (%w/w)	Classification	M-factor.
Bisphenol A-(epichlorhydrin) (reaction product)	603-074-00-8	25068-38-6	500-033-5	01-2119456619-26	60 - 70%	Eye Irrit. 2: H319; Skin Irrit. 2: H315; Skin Sens. 1: H317; Aquatic Chronic 2: H411;	
bisphenol F-epoxy resin		9003-36-5	500-006-8	01-2119454392-40	10 - 20%		Skin Irrit. 2: H315; Skin Sens. 1: H317; Aquatic Chronic 2: H411;
Oxiran, Mono[(C12-14-alkyloxy)methyl]- derivative	603-103-00-4	68609-97-2	271-846-8	01-2119485289-22	1 - 10%	Skin Irrit. 2: H315; Skin Sens. 1: H317;	

### 4. FIRST AID MEASURES

#### 4.1 Description of first aid measures

**Inhalation** Move the exposed person to fresh air.

**Eye contact** Rinse immediately with plenty of water for 15 minutes holding the eyelids open.

**Skin contact** Wash off immediately with plenty of soap and water. Remove contaminated clothing.

**Ingestion** Drink 1 to 2 glasses of water. DO NOT INDUCE VOMITING.

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

**Inhalation** may cause coughing, tightness of the chest and irritation of the respiratory system.

**Eye contact** Irritating to eyes.

**Skin contact** Irritating to skin.

**Ingestion** Ingestion may cause nausea and vomiting.

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

Inhalation Seek medical attention if irritation or symptoms persist.

Eye contact Seek medical attention if irritation or symptoms persist.

Skin contact Seek medical attention if irritation or symptoms persist. I

ngestion If you feel unwell, seek medical advice (show the label where possible).

### 5. FIRE-FIGHTING MEASURES

#### 5.1 Extinguishing media:

Use extinguishing media appropriate to the surrounding fire conditions. Carbon oxides. Dry chemical. Foam. Do NOT use water jet.

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

Burning produces irritating, toxic and obnoxious fumes.

#### 5.3 Protection of firefighters:

Wear self contained breathing apparatus and protective clothing. Do not allow runoff water to enter sewers or drains.

### 6. ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures Ensure adequate ventilation of the working area. Avoid contact with skin and eyes.

6.2 Environmental precautions Do not allow product to enter drains. Do not flush into surface water. Prevent further spillage if safe.

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

Transfer to suitable, labelled containers for disposal. Clean spillage area thoroughly with plenty of water.

#### 6.4 Reference to other sections

See section 8 for further information.

See section 13 for further information.



## 7. HANDLING AND STORAGE

7.1 Precautions for safe handling Ensure adequate ventilation of the working area. Avoid contact with eyes and skin. Adopt best Manual Handling considerations when handling, carrying and dispensing.

7.2 Conditions for safe storage including and incompatibilities

Keep containers tightly closed. Keep in a cool, dry, well ventilated area. Store in correctly labelled containers.

7.3 Specific end use(s)

See section 1.2. Relevant identified uses of the substance or mixture and uses advised against for further information.

## 8. EXPOSURE CONTROL AND PROTECTION MEASURES

8.1 Control parameters

No exposure limit value known. If this product contains ingredients with exposure limits, personal, workplace atmosphere or biological monitoring may be required to determine the effectiveness of the ventilation or other control measures and/or the necessity to use respiratory protective equipment. Reference should be made to European Standard EN 689 for methods of the assessment of exposure by inhalation to chemical agents and national guidance documents for methods for the determination of hazardous substances.

### 8.1.1. Exposure Limit Values

Bisphenol A-(epichlorhydrin) (reaction product)

WEL 8-hr limit ppm:	WEL 8-hr limit mg/m3: 12.3
WEL 15 min limit ppm:	WEL 15 min limit mg/m3:
WEL 8-hr limit mg/m3 total inhalable dust:	WEL 15 min limit mg/m3 total inhalable dust:
WEL 8-hr limit mg/m3 total respirable dust:	WEL 15 min limit mg/m3 total respirable dust:

## 8.2 Exposure controls

8.2.1. Appropriate engineering Controls	Ensure adequate ventilation of the working area.
8.2.2. Individual protection measures	Wear chemical protective clothing.
Eye / face protection	Approved safety goggles.
Skin protection - Handprotection	Butyl rubber gloves. Chemical resistant gloves. Polyvinyl chloride - PVC ( ).
Skin protection - Other	Wear suitable protective clothing.
Respiratory protection	Wear suitable respiratory equipment when necessary.
Occupational exposure controls	Keep away from food, drink and animal feeding stuffs.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

### 9.1 Information on basic physical and chemical properties

Appearance Liquid

Colour Various

Odour Slight

pH No data available

Melting point No data available

Freezing Point No data available

Initial boiling point 100 °C

Flash point 130 °C

Evaporation rate No data available

Flammability (solid, gas) No data available

Upper Explosive Limit No data available

Lower Explosive Limit No data available

Vapour pressure No data available

Vapour density No data available

Relative density 1.13 (H<sub>2</sub>O = 1 @ 20 °C)

Fat Solubility No data available

Partition coefficient No data available

Autoignition temperature No data available

Viscosity 700 mPas (Cone & Plate)

Explosive properties No data available

Oxidising properties No data available

Solubility Slightly soluble in water

## 9.2 Other information

Conductivity No data available

Surface tension No data available

Gas group No data available

Benzene Content 0 %

Lead content 0 % VOC (Volatile organic compounds) 0 g/l

## 10. STABILITY AND REACTIVITY

10.1 Reactivity: Stable under normal conditions.

10.2 Chemical stability Stable under normal conditions.

10.3 Possibility of hazardous reactions No data is available on this product.

10.4 Conditions to avoid Heat will increase pressure in sealed containers.

10.5 Incompatible materials Carbon oxides.

10.6 Hazardous decomposition products Will not decompose if stored and used as recommended.

## 11. TOXOLOGICAL INFORMATION

### 11.1 Information on toxicological effects

Skin corrosion/irritation May cause irritation to skin.

Serious eye damage/irritation May cause irritation to eyes.

Respiratory or skin sensitization May cause sensitisation by skin contact.

Germ cell mutagenicity No mutagenic effects reported.

Carcinogenicity No carcinogenic effects reported.

Reproductive toxicity No observed effect level. No teratogenic effects reported. Repeated or prolonged exposure Once sensitised, an allergic reaction may occur when subsequently exposed to very low levels.

#### 11.1.4. Toxicological Information

<b>Bisphenol A-(epichlorhydrin) (reaction product)</b>	<b>Dermal Rat LD50: &gt;2000mg/kg</b> <b>Inhalation Rat LC50/4 h: &gt;0.15mg/l</b>	<b>Oral Rat LD50: &gt;2000mg/kg</b>
<b>bisphenol F-epoxy resin</b>	<b>Dermal Rat LD50: &gt;2000mg/kg</b>	<b>Oral Rat LD50: &gt;5000mg/kg</b>

### 12. ECOLOGICAL INFORMATION

#### 12.1 Toxicity

<b>Bisphenol A-(epichlorhydrin) (reaction product)</b>	<b>Daphnia EC50/48h: 1.7000 mg/l</b>	<b>Algae IC50/72h: 9.4000 mg/l</b>
<b>bisphenol F-epoxy resin</b>	<b>Daphnia EC50/48h: 1.6000 mg/l</b> <b>Fish LC50/96h: 0.5500 mg/l</b>	<b>Algae IC50/72h: 1.8000 mg/l</b> <b>Algae EC50/72h: 1.8</b>

#### 12.2 Persistence and degradability

Not readily biodegradable.

#### 12.3 Bioaccumulative potential Low.

Partition coefficient

Eponite Tackprimer - Base No data available

#### 12.4 Mobility in soil

No data is available on this product.

#### 12.5 Results of PBT and vPvB assessment

No data is available on this product.

#### 12.6 Other adverse effects

No data is available on this product.

### 13. DISPOSAL CONSIDERATIONS

#### 13.1 Waste treatment methods

Dispose of in compliance with all local and national regulations.

General information

08 02 99 wastes not otherwise specified.

Disposal methods

Structural Waterproofing | Gas Protection | Concrete Repair | Technical Grouts |  
Joint Sealants | Protective Coatings | Admixtures



The generation of waste should be avoided or minimised wherever possible. Significant quantities of waste product residues should not be disposed of via the foul sewer but processed in a suitable effluent treatment plant. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Disposal of this product, solutions and any by products should at all times comply with the requirements of environmental protection and waste disposal legislation and any local authority requirements. Waste packaging should be recycled if possible. Incineration should only be considered when recycling is not feasible. This material and its container must be disposed of in a safe way. Care should be taken when handling emptied containers that have not been cleaned. Empty containers or liners may still contain residue. Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers.

Disposal of packaging Residues and empty containers should be taken care of as hazardous waste according to local and national provisions. Do not empty into drains, dispose of this material and its container at hazardous or special waste collection point. Do NOT reuse empty containers.

#### 14. TRANSPORT INFORMATION

Hazard pictograms



14.1 UN number UN3082

14.2 UN proper shipping name

ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Bisphenol A-Epoxy Resin)

14.3 Transport hazard class(es)

ADR/RID Subsidiary risk 9

IMDG Subsidiary risk – 9

IATA Subsidiary risk – 9

14.4 Packing group

Packing group III

14.5 Environmental hazards

Environmental hazards Yes

Marine pollutant Yes

14.6 Special precautions for user Always transport in closed containers that are upright and secure. Ensure that persons transporting the product know what to do in the event of a spillage.

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

For transport approval see regulatory information.

ADR/RID Hazard ID 90 Tunnel Category (E)

IMDG EmS Code F-A S-F

IATA

Packing Instruction (Cargo) 964 Maximum quantity 450 L Packing Instruction 964 (Passenger) Maximum quantity 450 L

## 15. REGULATORY INFORMATION

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture  
Regulations 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), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC.

COMMISSION REGULATION (EU) No 453/2010 of 20 May 2010 amending Regulation (EC) No 1907/2006 of the European Parliament and of the Council on the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC. Chemical safety assessment This product contains substances for which Chemical Safety Assessments are still required.

15.2 Chemical safety assessment

This product contains substances for which Chemical Safety Assessments are still required.

## 16. OTHER INFORMATION

Other information Text of risk phrases in Section

R36/38 - Irritating to eyes and skin.

3 R38 - Irritating to skin.

R43 - May cause sensitisation by skin contact.



Product code: 01014 Revision date: 2/12/22

R51/53 - Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment. Text of Hazard Statements in Skin Irrit. 2: H315 - Causes skin irritation. Section 3 Skin Sens. 1: H317 - May cause an allergic skin reaction. Eye Irrit. 2: H319 - Causes serious eye irritation. Aquatic Chronic 2: H411 - Toxic to aquatic life with long lasting effects. Maximum content of VOC 0 g/l.

Further information The information supplied in this Safety Data Sheet is designed only as guidance for the safe use, storage and handling of the product. This information is correct to the best of our knowledge and belief at the date of publication however no guarantee is made to its accuracy. This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any other process.

# EPONITE TACKPRIMER - Curing Agent

## 1. IDENTIFICATION OF THE SUBSTANCE AND OF THE COMPANY

### 1.1 Product Identifier

Eponite Tackprimer - Curing Agent

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

[SU22] Professional uses: Public domain (administration, education, entertainment, services, craftsmen); [PC9a] Coatings and paints, thinners, paint removers; [PROC10] Roller application or brushing; [ERC2] Formulation of preparations;

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

FIS Construction Products

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West Portway

Andover

Hampshire

SP10 3XW

[sales@fisproducts.co.uk](mailto:sales@fisproducts.co.uk)

[www.fisproducts.co.uk](http://www.fisproducts.co.uk)

Emergency telephone number

+44 (0) 800 6191619

7.00am-5:00pm Mon-Fri



## 2. HAZARDS IDENTIFICATION

### 2.1 Classification of the substance or mixture:

2.1.1 Classification - C; R34 Xn; R20/21/22 Xi; R43 R52/53

1999/45/EC                      Symbols: C: Corrosive.

Main hazards    Harmful by inhalation, in contact with skin and if swallowed. Causes burns. May cause sensitisation by skin contact. Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

2.1.2 Classification – EC            Acute Tox. 4: H302; Skin Corr. 1B: H314; Skin Sens. 1: H317; Acute Tox. 4: H332;

1272/2008                      Aquatic Chronic 3: H412;

### 2.2 Label elements

#### Hazard pictograms

Signal Word                      Danger

Hazard Statement                Acute Tox. 4: H302 - Harmful if swallowed.

Skin Corr. 1B: H314 - Causes severe skin burns and eye damage.

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

Acute Tox. 4: H332 - Harmful if inhaled.

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

Precautionary Statement:        P260 - Do not breathe dust/fume/gas/mist/vapours/spray.



Prevention P261 - Avoid breathing dust/fume/gas/mist/vapours/spray.

P264 - Wash thoroughly after handling.

P270 - Do not eat, drink or smoke when using this product.

P271 - Use only outdoors or in a well-ventilated area.

P272 - Contaminated work clothing should not be allowed out of the workplace.

P273 - Avoid release to the environment.

P280 - Wear protective gloves/protective clothing/eye protection/face protection.

Precautionary Statement: P301+P312 - IF SWALLOWED: Call a POISON CENTER/doctor/ /if you feel  
Response unwell.

P301+P330+P331 - IF SWALLOWED: rinse mouth. Do NOT induce vomiting.

P302+P352 - IF ON SKIN: Wash with plenty of water/ .

P303+P361+P353 - IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.

P304+P340 - IF INHALED: Remove person to fresh air and keep comfortable for breathing.

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

P310 - Immediately call a POISON CENTER/doctor/ .

P312 - Call a POISON CENTER/doctor/ /if you feel unwell.

P321 - Specific treatment (see on this label).

P330 - Rinse mouth.

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

P363 - Wash contaminated clothing before reuse.

Precautionary Statement: P405 - Store locked up.

Storage

Precautionary Statement: P501 - Dispose of contents/container to

Disposal

## 2.3 Other hazards

Other hazards No data is available on this product.

## 3. COMPOSITION INFORMATION ON INGREDIENTS

### 3.1 Mixtures

#### 67/548/EEC / 1999/45/EC

Chemical Name	Index No.	CAS No.	EC No.	REACH Registration Number	Conc. (%w/w)	Classification	M-factor.
3-Aminomethyl-3,5,5-trimethylcyclohexylamine	612-067-00-9	2855-13-2	220-666-8	01-2119514687-32	30 - 40%	Xn; R21/22 C; R34 R43 R52/53	
Benzyl alcohol	603-057-00-5	100-51-6	202-859-9	01-2119492630-38	30 - 40%	Xn; R20/22	
m-xylylenediamine		1477-55-0	216-032-5	01-2119480150-50	10 - 20%		

#### EC 1272/2008

Chemical Name	Index No.	CAS No.	EC No.	REACH Registration Number	Conc. (%w/w)	Classification	M-factor.
3-Aminomethyl-3,5,5-trimethylcyclohexylamine	612-067-00-9	2855-13-2	220-666-8	01-2119514687-32	30 - 40%	Acute Tox. 4: H312; Acute Tox. 4: H302; Skin Corr. 1B: H314; Skin Sens. 1: H317; Aquatic Chronic 3: H412;	
Benzyl alcohol	603-057-00-5	100-51-6	202-859-9	01-2119492630-38	30 - 40%	Acute Tox. 4: H332; Acute Tox. 4: H302;	
m-xylylenediamine		1477-55-0	216-032-5	01-2119480150-50	10 - 20%	Acute Tox. 4: H302; Skin Corr. 1B: H314; Skin Sens. 1: H317; Acute Tox. 4: H332; Aquatic Chronic 3: H412;	

## 4. FIRST AID MEASURES

### 4.1 Description of first aid measures

**Inhalation** Move the exposed person to fresh air.

**Eye contact** Rinse immediately with plenty of water for 15 minutes holding the eyelids open.

**Skin contact** Wash off immediately with plenty of soap and water. Remove contaminated clothing.

**Ingestion** Move the exposed person to fresh air. Drink 1 to 2 glasses of water. **DO NOT INDUCE VOMITING.**

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

Inhalation	Inhalation may cause coughing, tightness of the chest and irritation of the respiratory system.
Eye contact	Risk of serious damage to eyes.
Skin contact	May cause irritation to skin.
Ingestion	Seek medical attention.

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

Inhalation	If you feel unwell, seek medical advice (show the label where possible).
Eye contact	Seek medical attention.
Skin contact	Seek medical attention if irritation or symptoms persist.
Ingestion	Seek medical attention.

## 5. FIRE-FIGHTING MEASURES

### 5.1 Extinguishing media

Use extinguishing media appropriate to the surrounding fire conditions. Carbon oxides. Dry chemical. Foam. Do NOT use water jet.

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

Burning produces irritating, toxic and obnoxious fumes.

### 5.3 Advice for firefighters

Wear self contained breathing apparatus and protective clothing.

#### Further information

Dispose of as special waste in compliance with official regulations.

## 6. ACCIDENTAL RELEASE MEASURES

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

Ensure adequate ventilation of the working area. Avoid contact with skin and eyes.



## 6.2 Environmental precautions

Do not allow product to enter drains. Prevent further spillage if safe.

## 6.3 Methods and material for containment and cleaning up

Absorb with inert, absorbent material. Transfer to suitable, labelled containers for disposal. Clean spillage area thoroughly with plenty of water.

## 6.4 Reference to other sections

See section 8 for further information.

See section 13 for further information.

## 7. HANDLING AND STORAGE

### 7.1 Precautions for safe handling

Ensure adequate ventilation of the working area. Avoid contact with eyes and skin. Adopt best Manual Handling considerations when handling, carrying and dispensing.

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

Keep containers tightly closed. Keep in a cool, dry, well ventilated area. Store in correctly labelled containers.

### 7.3 Specific end use(s)

See section 1.2. Relevant identified uses of the substance or mixture and uses advised against for further information.

## 8. EXPOSURE CONTROL AND PROTECTION MEASURES

### 8.1 Control parameters

This product does not contain any relevant quantities of materials with critical values that have to be monitored in the workplace.

WEL-8hr Limit - 90mg/m<sup>3</sup>, (Benzyl Alcohol).

## 8.2 Exposure controls

8.2.1 Appropriate engineering Ensure adequate ventilation of the working area.

### Controls

8.2.2 Individual protection Wear protective clothing.

### Measures

Eye / face protection Approved safety goggles.

Skin protection - Wear suitable gloves.

Handprotection

Skin protection - Other Wear suitable protective clothing.

Respiratory protection Wear suitable respiratory equipment when necessary.

Occupational exposure Keep away from food, drink and animal feedingstuffs.

### controls

## 9. PHYSICAL AND CHEMICAL PROPERTIES

### 9.1 Information on basic physical and chemical properties

Appearance	Liquid
Colour	Light yellow
Odour	Characteristic
pH	No data available
Melting point	No data available
Freezing Point	No data available
Initial boiling point	> 200 °C
Flash point	100 °C
Evaporation rate	No data available
Flammability (solid, gas)	No data available
Vapour pressure	10 Pa

Vapour density	No data available
Relative density	1.06 (H <sub>2</sub> O = 1 @ 20 °C)
Fat Solubility	No data available
Partition coefficient	No data available
Autoignition temperature	380 °C
Viscosity	200 mPas (Cone & Plate)
Explosive properties	No data available
Oxidising properties	No data available
Solubility	Insoluble in water

## 9.2 Other information

Conductivity	No data available
Surface tension	No data available
Gas group	No data available
Benzene Content	0 %
Lead content	0 %
VOC (Volatile organic compounds)	0 g/

## 10. STABILITY AND REACTIVITY

10.1	Reactivity	Stable under normal conditions.
10.2	Chemical stability	Stable under normal conditions.
10.3	Possibility of hazardous reactions	Reacts with. Acids. Alkalis. Oxidising agents.
10.4	Conditions to avoid	No data is available on this product.
10.5	Incompatible materials	Strong oxidising agents.
10.6	Hazardous decomposition products	No data is available on this product.

## 11. TOXOLOGICAL INFORMATION

### 11.1 Information on toxicological effects

Skin corrosion/irritation	May cause severe irritation to skin, eyes and mucous membranes.
Serious eye damage/irritation	Risk of serious damage to eyes. Strong caustic effect.
Respiratory or skin sensitisation	May cause sensitisation by skin contact.
Germ cell mutagenicity	No mutagenic effects reported.
Reproductive toxicity	No observed effect level. No teratogenic effects reported.

### 11.2 Toxicological Information

3-Aminomethyl-3,5,5-trimethylcy clohexylamine	Dermal Rat LD50: >2000mg/kg	Oral Rat LD50: 1030mg/kg
Dermal Rabbit LD50: 1840mg/kg		

Benzyl alcohol	Oral Rat LD50: 1230mg/kg	Dermal Rabbit LD50: 2000mg/kg
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11.2.1 Other information Swallowing will lead to a strong caustic effect on mouth and throat and danger of perforation of esophagus and stomach.

## 12. ECOLOGICAL INFORMATION

### 12.1 Toxicity

3-Aminomethyl-3,5,5-trimethylcy Clohexylamine	Daphnia EC50/48h: 23 mg/l	Algae IC50/72h: 50.0000 mg/l
Fish LC50/96h: 110.0000 mg/l		
Benzyl alcohol	Daphnia EC50/48h: 400.0000 mg/l	Algae IC50/72h: 640.0000 mg/l
Fish LC50/96h: 645.0000 mg/l		



12.2 Persistence and degradability No data is available on this product.

PBT Not applicable.

12.3 Bioaccumulative potential No data is available on this product.

Partition coefficient Eponite Tackprimer - Curing Agent No data available

12.4 Mobility in soil No data is available on this product.

12.5 Results of PBT and vPvB assessment No data is available on this product.

12.6 Other adverse effects No data is available on this product.

### 13. DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods Dispose of in compliance with all local and national regulations.

#### General information

08 WASTES FROM THE MANUFACTURE, FORMULATION, SUPPLY AND USE (MFSU) OF COATINGS (PAINTS, VARNISHES AND VITREOUS ENAMELS), ADHESIVES, SEALANTS AND PRINTING INKS.

08 02 wastes from MFSU of other coatings (including ceramic materials).

08 02 99 wastes not otherwise specified.

#### Disposal methods

The generation of waste should be avoided or minimised wherever possible. Significant quantities

of waste product residues should not be disposed of via the foul sewer but processed in a suitable effluent treatment plant. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Disposal of this product, solutions and any by products should at all times comply with the requirements of environmental protection and waste disposal legislation and any local authority requirements. Waste packaging should be recycled if possible. Incineration should only be considered when recycling is not feasible. This material and its container must be disposed of in a safe way. Care should be taken when handling emptied containers that have not been cleaned. Empty containers or liners may still contain residue. Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers.

#### Disposal of packaging

Residues and empty containers should be taken care of as hazardous waste according to local and national provisions. Do not empty into drains, dispose of this material and its container at hazardous or special waste collection point. Do NOT reuse empty containers.

#### 14. TRANSPORT INFORMATION

##### 14.1 Hazard pictograms

UN number UN2735

14.2 UN proper shipping name AMINES, LIQUID, CORROSIVE N.O.S. (Isophoronediamine)

##### 14.3 Transport hazard class(es)

ADR/RID 8

Subsidiary risk -

IMDG 8

Subsidiary risk -

IATA 8

Subsidiary risk -

#### 14.4 Packing group

Packing group III

#### 14.5 Environmental hazards

Environmental hazards No

Marine pollutant No

#### 14.6 Special precautions for user

Always transport in closed containers that are upright and secure. Ensure that persons transporting the product know what to do in the event of a spillage.

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

For transport approval see regulatory information.

#### ADR/RID

Hazard ID 80

Tunnel Category (E)

#### IMDG

EmS Code F-A S-B

#### IATA

Packing Instruction (Cargo) 856

Maximum quantity 60 L

Packing Instruction 852

(Passenger)

Maximum quantity 5 L

## 15. REGULATORY INFORMATION

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

#### Regulations

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), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC.

COMMISSION REGULATION (EU) No 453/2010 of 20 May 2010 amending Regulation (EC) No 1907/2006 of the European Parliament and of the Council on the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC.

### 15.2 Chemical safety assessment

This product contains substances for which Chemical Safety Assessments are still required.

## 16. OTHER INFORMATION

#### Other information

Text of risk phrases in Section 3 R20/22 - Harmful by inhalation and if swallowed.

R21/22 - Harmful in contact with skin and if swallowed.

R34 - Causes burns.

R43 - May cause sensitisation by skin contact.





Product code: 01014 Revision date: 2/12/22

R52/53 - Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

Text of Hazard Statements in Acute Tox. 4: H302 - Harmful if swallowed.

Section 3 Acute Tox. 4: H312 - Harmful in contact with skin.

Skin Corr. 1B: H314 - Causes severe skin burns and eye damage.

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

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

Acute Tox. 4: H332 - Harmful if inhaled.

Acute Tox. 4: H302+H332 - Harmful if swallowed or if inhaled

Maximum content of VOC 0 g/l.

#### Further information

The information supplied in this Safety Data Sheet is designed only as guidance for the safe use, storage and handling of the product. This information is correct to the best of our knowledge and belief at the date of publication however no guarantee is made to its accuracy. This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any other process.