



SAFETY DATA SHEET

This safety data sheet was created pursuant to the requirements of: REACH Regulation (EC) No 1907/2006, as retained in UK law by (SI 2019/758 as amended)

BOSTIK RENO E742 STRUCTURE - Part B
Supersedes date 14-Feb-2023

Revision date 24-Mar-2025
Revision Number 3.01

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

1.1. Product identifier

Product Name BOSTIK RENO E742 STRUCTURE - Part B

Pure substance/mixture Mixture

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

Recommended use Hardener

Uses advised against None known

1.3. Details of the supplier of the safety data sheet

Company Name

Bostik Limited
Common Rd
ST16 3EH
Stafford UK
Tel: +44 (1785) 27 26 25
Fax: +44 (1785) 25 72 36

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

1.4. Emergency telephone number

United Kingdom Bostik: +44 (1785) 272650 (9am to 5pm Mon-Fri)
NHS: 111

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

GB CLP (SI 2020/1567 as amended)

Acute toxicity - Oral	Category 4 - (H302)
Acute toxicity - Inhalation (Vapours)	Category 4 - (H332)
Skin corrosion	Category 1 Sub-category B - (H314)
Serious eye damage	Category 1 - (H318)
Skin sensitisation	Category 1 - (H317)
Hazardous to the aquatic environment - chronic	Category 3 - (H412)

2.2. Label elements

Contains Benzyl alcohol; 3-aminomethyl-3,5,5-trimethylcyclohexylamine; Cyclohexanemethanamine, 5-amino-1,3,3-trimethyl-, reaction products with bisphenol A diglycidyl ether homopolymer; Formaldehyde, oligomeric reaction products with 1-chloro-2,3-epoxypropane and phenol, reaction products with 3-aminomethyl-3,5,5-trimethylcyclohexylamine ; Benzyldimethylamine

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Signal word
Danger

Hazard statements

H302 - Harmful if swallowed.
H314 - Causes severe skin burns and eye damage.
H317 - May cause an allergic skin reaction.
H332 - Harmful if inhaled.
H412 - Harmful to aquatic life with long lasting effects.

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

P260 - Do not breathe vapour
P280 - Wear protective gloves/protective clothing and eye/face protection
P303 + P361 + P353 - IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water or shower
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 or doctor
P501 - Dispose of contents/ container to an approved waste disposal plant

Special provisions concerning the labelling of certain mixtures

Reserved for industrial and professional use.

Additional information

This product requires child resistant fastenings if supplied to the general public. This product requires tactile warnings if supplied to the general public.

2.3. Other hazards

No information available.

PBT & vPvB

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

SECTION 3: Composition/information on ingredients

3.1 Substances

Not applicable

3.2 Mixtures

Chemical name	Weight-%	REACH registration number	EC No (EU Index No)	Classification according to Regulation (EC) No. 1272/2008 [CLP]	Specific concentration limit (SCL)	M-Factor	M-Factor (long-term)	Notes
Benzyl alcohol 100-51-6	>25 - <40	01-2119492630 -38-XXXX	202-859-9 (603-057-00-5)	Acute Tox. 4 (H302) Eye Irrit. 2 (H319) Skin Sens. 1B (H317)	-	-	-	-
3-aminomethyl-3,5,5-trimethylcyclohexylamine	>25 - <40	01-2119514687 -32-XXXX	220-666-8 (612-067-00-9)	Acute Tox. 4 (H302) Skin Corr. 1B (H314)	Skin Sens. 1A :: C>=0.001%	-	-	-

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2855-13-2				Eye Dam. 1 (H318) Skin Sens. 1A (H317)				
Cyclohexanemethanamine, 5-amino-1,3,3-trimethyl-, reaction products with bisphenol A diglycidyl ether homopolymer 68609-08-5	10 - <20	No data available	614-657-1	Skin Corr. 1B (H314) Eye Dam. 1 (H318)	-	-	-	-
Formaldehyde, oligomeric reaction products with 1-chloro-2,3-epoxypropylene and phenol, reaction products with 3-aminomethyl-3,5,5-trimethylcyclohexylamine 161278-21-3	10 - <20	No data available	-	Skin Corr. 1B (H314) Skin Sens. 1 (H317) Aquatic Chronic 2 (H411)	-	-	-	-
Benzyl dimethylamine 103-83-3	5 - <10	01-2119529232-48-XXXX	203-149-1 (612-074-00-7)	Acute Tox. 4 (H302) Acute Tox. 4 (H312) Acute Tox. 3 (H331) Skin Corr. 1B (H314) Eye Dam. 1 (H318) Aquatic Chronic 3 (H412) Flam. Liq. 3 (H226)	-	-	-	-

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

Acute Toxicity Estimate

If LD50/LC50 data is not available or does not correspond to the classification category, then the appropriate conversion value from CLP Annex I, Table 3.1.2, is used to calculate the acute toxicity estimate (ATEmix) for classifying a mixture based on its components

Chemical name	EC No (EU Index No)	CAS No.	Oral LD50 mg/kg	Dermal LD50 mg/kg	Inhalation LC50 - 4 hour - dust/mist - mg/L	Inhalation LC50 - 4 hour - vapour - mg/L	Inhalation LC50 - 4 hour - gas - ppm
Benzyl alcohol	202-859-9 (603-057-00-5)	100-51-6	1200	-	-	-	-
3-aminomethyl-3,5,5-trimethylcyclohexylamine	220-666-8 (612-067-00-9)	2855-13-2	1030 +	-	-	-	-
Cyclohexanemethanamine, 5-amino-1,3,3-trimethyl-, reaction products with bisphenol A diglycidyl ether homopolymer	614-657-1	68609-08-5	-	-	-	-	-
Benzyl dimethylamine	203-149-1 (612-074-00-7)	103-83-3	579	1655.02	0.501	2.0626	-

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

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SECTION 4: First aid measures

4.1. Description of first aid measures

General advice	Show this safety data sheet to the doctor in attendance. Immediate medical attention is required.
Inhalation	Remove to fresh air. If breathing has stopped, give artificial respiration. Get medical attention immediately. Do not use mouth-to-mouth method if victim ingested or inhaled the substance; give artificial respiration with the aid of a pocket mask equipped with a one-way valve or other proper respiratory medical device. If breathing is difficult, (trained personnel should) give oxygen. Delayed pulmonary edema may occur.
Eye contact	Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Keep eye wide open while rinsing. Do not rub affected area. Remove contact lenses, if present and easy to do. Continue rinsing. Get immediate medical attention.
Skin contact	Wash off immediately with soap and plenty of water while removing all contaminated clothes and shoes. Get immediate medical attention. May cause an allergic skin reaction.
Ingestion	Do NOT induce vomiting. Rinse mouth. Never give anything by mouth to an unconscious person. Get immediate medical attention.
Self-protection of the first aider	Ensure that medical personnel are aware of the material(s) involved, take precautions to protect themselves and prevent spread of contamination. Avoid contact with skin, eyes or clothing. Avoid direct contact with skin. Use barrier to give mouth-to-mouth resuscitation. Avoid breathing vapours or mists. Use personal protective equipment as required. See section 8 for more information.

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

Symptoms	Burning sensation. Itching. Rashes. Hives. Coughing and/ or wheezing. Difficulty in breathing.
Effects of Exposure	No information available.

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

Note to doctors	Product is a corrosive material. Use of gastric lavage or emesis is contra-indicated. Possible perforation of stomach or esophagus should be investigated. Do not give chemical antidotes. Asphyxia from glottal edema may occur. Marked decrease in blood pressure may occur with moist rales, frothy sputum, and high pulse pressure. May cause sensitisation in susceptible persons. Treat symptomatically.
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SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable Extinguishing Media	Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.
Unsuitable extinguishing media	No information available.

5.2. Special hazards arising from the substance or mixture

Specific hazards arising from the chemical	The product causes burns of eyes, skin and mucous membranes. Thermal decomposition can lead to release of irritating gases and vapours. Product is or contains a sensitiser. May cause sensitisation by skin contact.
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Hazardous combustion products Carbon oxides. Ammonia. Nitrogen oxides (NOx).

5.3. Advice for firefighters

Special protective equipment and precautions for fire-fighters Firefighters should wear self-contained breathing apparatus and full firefighting turnout gear. Use personal protection equipment.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions Attention! Corrosive material. Avoid contact with skin, eyes or clothing. Ensure adequate ventilation. Use personal protective equipment as required. Evacuate personnel to safe areas. Keep people away from and upwind of spill/leak. Avoid breathing vapours or mists.

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

For emergency responders Use personal protection recommended in Section 8.

6.2. Environmental precautions

Environmental precautions Prevent further leakage or spillage if safe to do so. Should not be released into the environment. Do not allow to enter into soil/subsoil. Prevent product from entering drains.

6.3. Methods and material for containment and cleaning up

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

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

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

6.4. Reference to other sections

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

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Advice on safe handling Please also refer to the SDS for the other component(s) of the kit. This product is part of a kit. Handle in accordance with good industrial hygiene and safety practice. Avoid contact with skin, eyes or clothing. In case of insufficient ventilation, wear suitable respiratory equipment. Handle product only in closed system or provide appropriate exhaust ventilation. Do not eat, drink or smoke when using this product. Take off contaminated clothing and wash it before reuse. Avoid breathing vapours or mists.

General hygiene considerations Avoid contact with skin, eyes or clothing. Wear suitable gloves and eye/face protection. Do not eat, drink or smoke when using this product. Remove and wash contaminated clothing and gloves, including the inside, before re-use. Contaminated work clothing should not be allowed out of the workplace. Regular cleaning of equipment, work area and clothing is recommended. Wash hands before breaks and immediately after handling the product.

7.2. Conditions for safe storage, including any incompatibilities

Storage Conditions Keep containers tightly closed in a dry, cool and well-ventilated place. Keep out of the reach of children. Protect from moisture. Store locked up. Store away from other materials.

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7.3. Specific end use(s)

Specific use(s)

Hardener.

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

Other information Observe technical data sheet.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Exposure Limits

Derived No Effect Level (DNEL) No information available

Derived No Effect Level (DNEL)			
Benzyl alcohol (100-51-6)			
Type	Exposure route	Derived No Effect Level (DNEL)	Safety factor
worker Long term Systemic health effects	Inhalation	22 mg/m ³	
worker Short term Systemic health effects	Inhalation	110 mg/m ³	
worker Long term Systemic health effects	Dermal	8 mg/kg bw/d	
worker Short term Systemic health effects	Dermal	40 mg/kg bw/d	

3-aminomethyl-3,5,5-trimethylcyclohexylamine (2855-13-2)			
Type	Exposure route	Derived No Effect Level (DNEL)	Safety factor
worker	Inhalation	0.073 mg/m ³	

Derived No Effect Level (DNEL)			
Benzyl alcohol (100-51-6)			
Type	Exposure route	Derived No Effect Level (DNEL)	Safety factor
Consumer Long term Systemic health effects	Inhalation	5.4 mg/m ³	
Consumer Short term Systemic health effects	Inhalation	27 mg/m ³	
Consumer Long term Systemic health effects	Dermal	4 mg/kg bw/d	
Consumer Short term Systemic health effects	Dermal	20 mg/kg bw/d	
Consumer Long term	Oral	4 mg/kg bw/d	

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Systemic health effects			
Consumer	Oral	20 mg/kg bw/d	
Short term			
Systemic health effects			

Predicted No Effect Concentration (PNEC)

Predicted No Effect Concentration (PNEC)	
Benzyl alcohol (100-51-6)	
Environmental compartment	Predicted No Effect Concentration (PNEC)
Freshwater	1 mg/l
Marine water	0.1 mg/l
Microorganisms in sewage treatment	39 mg/l
Freshwater sediment	5.27 mg/kg dry weight
Marine sediment	0.527 mg/kg dry weight
Soil	0.456 mg/kg dry weight
Freshwater - intermittent	2,3 mg/l

3-aminomethyl-3,5,5-trimethylcyclohexylamine (2855-13-2)	
Environmental compartment	Predicted No Effect Concentration (PNEC)
Freshwater	0.094 mg/l
Marine water	0.0094 mg/l

8.2. Exposure controls

Engineering controls

Ensure adequate ventilation, especially in confined areas. Vapours/aerosols must be exhausted directly at the point of origin.

Personal protective equipment

Eye/face protection

Wear safety glasses with side shields (or goggles). Wear chemical splash goggles and face shield when eye and face contact is possible due to splashing or spraying of material.

Hand protection

Recommended Use: Nitrile rubber. Butyl rubber. Glove thickness > 0.7mm. The breakthrough time for the mentioned glove material is in general greater than 240 min. Ensure that the breakthrough time of the glove material is not exceeded. Refer to glove supplier for information on breakthrough time for specific gloves. The breakthrough time of the gloves depends on the material and the thickness as well as the temperature. Unsuitable protective clothing. Leather. Disposable gloves. Gloves must conform to standard EN 374

Skin and body protection

Suitable protective clothing.

Respiratory protection

In case of insufficient ventilation, wear suitable respiratory equipment. During spraying wear suitable respiratory equipment.

Recommended filter type:

Wear a respirator conforming to EN 140 with Type A/P2 filter or better. Organic gases and vapours filter conforming to EN 14387.

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

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state	Liquid
Appearance	Liquid
Colour	Yellow
Odour	Ammonia.

Property	Values	Remarks • Method
Melting point / freezing point	No data available	None known
Initial boiling point and boiling range	> 150 °C	

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Flammability	No data available	
Flammability Limit in Air		None known
Upper flammability or explosive limits	13	
Lower flammability or explosive limits	1.2	
Flash point	> 61 °C	CC (closed cup)
Autoignition temperature	No data available	Not applicable
Decomposition temperature		None known
pH	No data available	None known.
pH (as aqueous solution)	No data available	None known
Kinematic viscosity	No data available	None known
Dynamic viscosity	70 - 130 mPa s	Spindle A2 @ 60 rpm @ 23 °C
Water solubility	Immiscible in water.	
Solubility(ies)	No data available	None known
Partition coefficient	No data available	None known
Vapour pressure	No data available	None known
Relative density	No data available -	
Bulk density	No data available	
Density	1.004 - g/cm ³	
Relative vapour density	No data available	None known
Particle characteristics		
Particle Size	No information available	
Particle Size Distribution	No information available	
9.2. Other information		
Solid content (%)	No information available	
VOC content		No data available

9.2.1. Information with regards to physical hazard classes
Not applicable

9.2.2. Other safety characteristics
No information available

SECTION 10: Stability and reactivity

10.1. Reactivity

Reactivity No information available.

10.2. Chemical stability

Stability Stable under normal conditions.

Explosion data

Sensitivity to mechanical impact None.
Sensitivity to static discharge None.

10.3. Possibility of hazardous reactions

Possibility of hazardous reactions None under normal processing.

10.4. Conditions to avoid

Conditions to avoid Exposure to air or moisture over prolonged periods. Excessive heat.

10.5. Incompatible materials

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Incompatible materials Acids. Bases. Oxidising agent.

10.6. Hazardous decomposition products

Hazardous decomposition products None under normal use conditions. Thermal decomposition can lead to release of toxic/corrosive gases and vapours. Ammonia. Amines.

SECTION 11: Toxicological information

11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008

Information on likely routes of exposure

Product Information

Inhalation	Specific test data for the substance or mixture is not available. Corrosive by inhalation. (based on components). Inhalation of corrosive fumes/gases may cause coughing, choking, headache, dizziness, and weakness for several hours. Pulmonary edema may occur with tightness in the chest, shortness of breath, bluish skin, decreased blood pressure, and increased heart rate. Inhaled corrosive substances can lead to a toxic edema of the lungs. Pulmonary edema can be fatal. Harmful by inhalation.
Eye contact	Specific test data for the substance or mixture is not available. Causes serious eye damage. (based on components). Corrosive to the eyes and may cause severe damage including blindness. May cause irreversible damage to eyes.
Skin contact	Specific test data for the substance or mixture is not available. Corrosive. (based on components). Causes burns. May cause sensitisation by skin contact. Repeated or prolonged skin contact may cause allergic reactions with susceptible persons.
Ingestion	Specific test data for the substance or mixture is not available. Causes burns. (based on components). Ingestion causes burns of the upper digestive and respiratory tracts. May cause severe burning pain in the mouth and stomach with vomiting and diarrhea of dark blood. Blood pressure may decrease. Brownish or yellowish stains may be seen around the mouth. Swelling of the throat may cause shortness of breath and choking. May cause lung damage if swallowed. May be fatal if swallowed and enters airways.

Symptoms related to the physical, chemical and toxicological characteristics

Symptoms Redness. Burning. May cause blindness. Coughing and/ or wheezing. Itching. Rashes. Hives.

Acute toxicity

Numerical measures of toxicity

The following ATE values have been calculated for the mixture

ATEmix (oral)	1,036.70 mg/kg
ATEmix (dermal)	9,775.60 mg/kg
ATEmix (inhalation-gas)	>20000 ppm
ATEmix (inhalation-dust/mist)	5.58 mg/l

Component Information

Chemical name	Oral LD50	Dermal LD50	Inhalation LC50
Benzyl alcohol	LD50 = 1620 mg/kg (Rattus)	> 2 g/kg (Oryctolagus cuniculus)	>4.17 mg/L (Rattus) 4 h (OECD TG 403)
3-aminomethyl-3,5,5-trimethylcyclohexylamine	=1040 mg/kg (Rattus)	LD50 > 2000 mg/kg (Rattus) OECD 402	> 5.01501 mg/L (Rat) 4 h 1.07 mg/L (Rat) 4 h
Cyclohexanemethanamine,	-	> 2000 mg/kg (Rat)	-

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5-amino-1,3,3-trimethyl-,reacti on products with bisphenol A diglycidyl ether homopolymer			
Benzyltrimethylamine	=579 mg/kg (Rattus)	= 1.66 mL/kg (Oryctolagus cuniculus) = 1660 mg/kg (Oryctolagus cuniculus)	LC50 (4h) =2.052 mg/L (Rattus)

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

Skin corrosion/irritation	Classification based on data available for ingredients. Causes severe skin burns and eye damage.
Serious eye damage/eye irritation	Classification based on data available for ingredients. Causes serious eye damage. Causes burns.
Respiratory or skin sensitisation	May cause an allergic skin reaction.
Germ cell mutagenicity	Based on available data, the classification criteria are not met.
Carcinogenicity	Based on available data, the classification criteria are not met.
Reproductive toxicity	Based on available data, the classification criteria are not met.
STOT - single exposure	Based on available data, the classification criteria are not met.
STOT - repeated exposure	Based on available data, the classification criteria are not met.
Aspiration hazard	Based on available data, the classification criteria are not met.

11.2. Information on other hazards

11.2.1. Endocrine disrupting properties

Endocrine disrupting properties	Based on available data, the classification criteria are not met.
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11.2.2. Other information

Other adverse effects	No information available.
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Note: PC-ADH-8 Multi-component adhesives and sealants Please also refer to the SDS for the other component(s) of the kit This product is part of a kit

SECTION 12: Ecological information

12.1. Toxicity

Ecotoxicity	Harmful to aquatic life with long lasting effects.
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Chemical name	Algae/aquatic plants	Fish	Toxicity to microorganisms	Crustacea	M-Factor	M-Factor (long-term)
Benzyl alcohol 100-51-6	EC 50 (72h) = 700 mg/L (Pseudokirchnerella subcapitata) OECD 201	LC50 96 h = 460 mg/L (Pimephales promelas static)	EC50 = 50 mg/L 5 min EC50 = 63.7 mg/L 15 min EC50 = 63.7 mg/L 5 min EC50 = 71.4 mg/L 30 min	EC50 48 h = 230 mg/L (Daphnia magna)		
3-aminomethyl-3,5,5-trimethylcyclohexylamine 2855-13-2	EC50: =37mg/L (72h, Desmodesmus subspicatus)	LC50: =110mg/L (96h, Leuciscus idus)	-	EC50: =42mg/L (24h, Daphnia magna) EC50: 14.6 - 21.5mg/L (48h, Daphnia magna)		
Benzyl dimethylamine 103-83-3	-	LC50: 35.8 - 39.9mg/L (96h, Pimephales promelas)	-	-		

12.2. Persistence and degradability

Persistence and degradability No information available.

Benzyl alcohol (100-51-6)			
Method	Exposure time	Value	Results
OECD Test No. 301A: Ready Biodegradability: DOC Die-Away Test (TG 301 A)	21 days	95 - 97%	Readily biodegradable

12.3. Bioaccumulative potential

Bioaccumulation

Component Information

Chemical name	Partition coefficient
Benzyl alcohol	1.05
3-aminomethyl-3,5,5-trimethylcyclohexylamine	0.99
Cyclohexanemethanamine, 5-amino-1,3,3-trimethyl-, reaction products with bisphenol A diglycidyl ether homopolymer	2.36
Benzyl dimethylamine	1.98

12.4. Mobility in soil

Mobility in soil No information available.

12.5. Results of PBT and vPvB assessment

PBT and vPvB assessment Based on available data, the classification criteria are not met.

Chemical name	PBT and vPvB assessment
Benzyl alcohol	Not PBT/vPvB
3-aminomethyl-3,5,5-trimethylcyclohexylamine	Not PBT/vPvB
Cyclohexanemethanamine, 5-amino-1,3,3-trimethyl-, reaction products with bisphenol A diglycidyl ether homopolymer	Not PBT/vPvB
Benzyl dimethylamine	Not PBT/vPvB

12.6. Endocrine disrupting properties

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Endocrine disrupting properties Based on available data, the classification criteria are not met.

12.7. Other adverse effects

Other adverse effects No information available.
PMT or vPvM properties Based on available data, the classification criteria are not met.

Chemical name	PMT and vPvM assessment
3-aminomethyl-3,5,5-trimethylcyclohexylamine	PMT
Cyclohexanemethanamine, 5-amino-1,3,3-trimethyl-,reaction products with bisphenol A diglycidyl ether homopolymer	PMT

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Waste from residues/unused products Dispose of in accordance with local regulations. Dispose of waste in accordance with environmental legislation.

Contaminated packaging Do not reuse empty containers.

Waste codes / waste designations according to EWC 15 01 10*: Packaging containing residues of or contaminated by dangerous substances. 16 03 03* inorganic wastes containing hazardous substances. 16 05 05 gases in pressure containers other than those mentioned in 16 05 04. Waste codes should be assigned by the user based on the application for which the product was used.

Other information Waste codes should be assigned by the user based on the application for which the product was used.

SECTION 14: Transport information

Note: The shipping descriptions shown here are for bulk shipments only, and may not apply to shipments made in non-bulk packages (see regulatory definition). The information shown here, may not always agree with the bill of lading shipping description for the material.

Land transport (ADR/RID)

14.1 UN number or ID number UN2735

14.2 UN proper shipping name Amines, liquid, corrosive, n.o.s. (Cyclohexanemethanamine, 5-amino-1,3,3-trimethyl-,reaction products with bisphenol A diglycidyl ether homopolymer, Formaldehyde, oligomeric reaction products with 1-chloro-2,3-epoxypropane and phenol, reaction products with 3-aminomethyl-3,5,5-trimethylcyclohexylamine)

14.3 Transport hazard class(es) 8

Labels 8

14.4 Packing group II

Description UN2735, Amines, liquid, corrosive, n.o.s. (Cyclohexanemethanamine, 5-amino-1,3,3-trimethyl-,reaction products with bisphenol A diglycidyl ether homopolymer, Formaldehyde, oligomeric reaction products with 1-chloro-2,3-epoxypropane and phenol, reaction products with 3-aminomethyl-3,5,5-trimethylcyclohexylamine), 8, II, (E)

14.5 Environmental hazards No

14.6 Special precautions for user

Special Provisions 274

Classification code C7

Tunnel restriction code (E)

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Limited quantity (LQ) 1 L
ADR Hazard Id (Kemmler Number) 80

IMDG

14.1 UN number or ID number UN2735
14.2 UN proper shipping name Amines, liquid, corrosive, n.o.s. (Cyclohexanemethanamine, 5-amino-1,3,3-trimethyl-,reaction products with bisphenol A diglycidyl ether homopolymer, Formaldehyde, oligomeric reaction products with 1-chloro-2,3-epoxypropane and phenol, reaction products with 3-aminomethyl-3,5,5-trimethylcyclohexylamine)
14.3 Transport hazard class(es) 8
14.4 Packing group II
Description UN2735, Amines, liquid, corrosive, n.o.s. (Cyclohexanemethanamine, 5-amino-1,3,3-trimethyl-,reaction products with bisphenol A diglycidyl ether homopolymer, Formaldehyde, oligomeric reaction products with 1-chloro-2,3-epoxypropane and phenol, reaction products with 3-aminomethyl-3,5,5-trimethylcyclohexylamine), 8, II
14.5 Marine pollutant NP
14.6 Special precautions for user
Special Provisions 274
Limited Quantity (LQ) 1 L
EmS-No. F-A, S-B
14.7 Maritime transport in bulk according to IMO instruments
Transport in bulk according to Annex II of MARPOL and the IBC Code Not applicable

Air transport (ICAO-TI / IATA-DGR)

14.1 UN number or ID number UN2735
14.2 UN proper shipping name Amines, liquid, corrosive, n.o.s. (Cyclohexanemethanamine, 5-amino-1,3,3-trimethyl-,reaction products with bisphenol A diglycidyl ether homopolymer, Formaldehyde, oligomeric reaction products with 1-chloro-2,3-epoxypropane and phenol, reaction products with 3-aminomethyl-3,5,5-trimethylcyclohexylamine)
14.3 Transport hazard class(es) 8
14.4 Packing group II
Description UN2735, Amines, liquid, corrosive, n.o.s. (Cyclohexanemethanamine, 5-amino-1,3,3-trimethyl-,reaction products with bisphenol A diglycidyl ether homopolymer, Formaldehyde, oligomeric reaction products with 1-chloro-2,3-epoxypropane and phenol, reaction products with 3-aminomethyl-3,5,5-trimethylcyclohexylamine), 8, II
14.5 Environmental hazards No
14.6 Special precautions for user
Special Provisions A3, A803
Limited quantity (LQ) 0.5 L
ERG Code 8L

SECTION 15: Regulatory information

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

European Union

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

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

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

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Registration, Evaluation, Authorisation, and Restriction of Chemicals (REACH) Regulation (EC 1907/2006)

SVHC: Substances of Very High Concern for Authorisation:

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

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

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

Substance subject to authorisation per REACH Annex XIV

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

Export Notification requirements

This product does not contain substances which are regulated pursuant to Regulation (EC) No. 649/2012 of the European parliament and of the council concerning the export and import of dangerous chemicals above the level that triggers a labeling obligation under Regulation (EC) No 1272/2008. Therefore this product is not subject to prior informed consent notification.

Ozone-depleting substances (ODS) regulation (EC) 2024/590

Not applicable

Persistent Organic Pollutants

Not applicable

REGULATION (EU) 2019/1148 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 20 June 2019 on the marketing and use of explosives precursors

Not applicable

National regulations

15.2. Chemical safety assessment

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

SECTION 16: Other information

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

Full text of any hazard and/or precautionary statements referred to under Sections 2-15

H226 - Flammable liquid and vapour
H302 - Harmful if swallowed
H312 - Harmful in contact with skin
H314 - Causes severe skin burns and eye damage
H317 - May cause an allergic skin reaction
H318 - Causes serious eye damage
H319 - Causes serious eye irritation
H331 - Toxic if inhaled
H411 - Toxic to aquatic life with long lasting effects
H412 - Harmful to aquatic life with long lasting effects

Legend

TWA	TWA (time-weighted average)
STEL	STEL (Short Term Exposure Limit)
Ceiling	Ceiling Limit Value
Sk*	Skin designation

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SVHC	Substance(s) of Very High Concern
PBT	Persistent, Bioaccumulative, and Toxic (PBT) Chemicals
vPvB	Very Persistent and very Bioaccumulative (vPvB) Chemicals
STOT RE	Specific target organ toxicity - Repeated exposure
STOT SE	Specific target organ toxicity - Single exposure
EWC	European Waste Catalogue
ADR	European Agreement concerning the International Carriage of Dangerous Goods by Road
IMDG	International Maritime Dangerous Goods (IMDG)
IATA	International Air Transport Association (IATA)
RID	Regulations concerning the International Transport of Dangerous Goods by Rail

Key literature references and sources for data

No information available

Prepared By	Product Safety & Regulatory Affairs
Revision date	24-Mar-2025
<u>Indication of changes</u>	

Revision Note	SDS sections updated, 3.
Training Advice	When working with hazardous materials, regular training of operators is required by law
Further information	No information available

This SDS complies with the requirements of UK REACH Regulations SI 2019/758 (as amended)

Disclaimer

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

End of Safety Data Sheet