

This safety data sheet was created pursuant to the requirements of: Regulation (EC) No. 1907/2006 and Regulation (EC) No. 1272/2008

**BOSTIK RENO E742 STRUCTURE - Part B** 

Revision date 14-Feb-2023 Supercedes Date: 05-Feb-2021 **Revision Number** 3

# 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

Consumer use Uses advised against

## 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

Regulation (EC) No 1272/2008

Acute toxicity - Oral	Category 4 - (H302)
Acute toxicity - Inhalation (Dusts/Mists)	Category 4 - (H332)
Skin corrosion/irritation	Category 1 Sub-category B -
	(H314)
Serious eye damage/eye irritation	Category 1 - (H318)
Skin sensitisation	Category 1 - (H317)
Chronic aquatic toxicity	Category 3 - (H412)

## 2.2. Label elements

Contains 3-aminomethyl-3,5,5-trimethylcyclohexylamine, Benzyl alcohol, 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

United Kingdom - BE Page 1/14

**BOSTIK RENO E742 STRUCTURE - Part B** 

Revision date 14-Feb-2023 Supercedes Date: 05-Feb-2021 **Revision Number** 3



#### 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. This product is part of a kit. Please also refer to the SDS for the other component(s) of the kit.

### 2.3. Other hazards

Combustible liquid.

#### 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	EC No (EU Index No)	CAS No	Weight-%	Classification according to Regulation (EC) No. 1272/2008 [CLP]	Specific concentration limit (SCL)	REACH registration number
Benzyl alcohol	(603-057-00- 5) 202-859-9	100-51-6	>25 - <40	Acute Tox. 4 (H302) Acute Tox. 4 (H332) Eye Irrit. 2 (H319)	-	01-2119492630- 38-XXXX

United Kingdom - BE Page 2/14

**BOSTIK RENO E742 STRUCTURE - Part B** 

Revision date 14-Feb-2023 Supercedes Date: 05-Feb-2021 **Revision Number** 3

						I
3-aminomethyl-3,5,5-tri methylcyclohexylamine	(612-067-00- 9) 220-666-8	2855-13-2	>25 - <40	Acute Tox. 4 (H302) Skin Corr. 1B (H314) Eye Dam. 1 (H318) Skin Sens. 1A (H317)	Skin Sens. 1A :: C>=0.001%	01-2119514687 32-XXXX
Cyclohexanemethanami ne, 5-amino-1,3.3-trimethyl-, reaction products with bisphenol A diglycidyl ether homopolymer	614-657-1	68609-08-5	10 - <20	Skin Corr. 1B (H314) Eye Dam. 1 (H318)	-	-
Formaldehyde, oligomeric reaction products with 1-chloro-2,3-epoxypropa ne and phenol, reaction products with 3-aminomethyl-3,5,5-tri methylcyclohexylamine	-	161278-21-3	10 - <20	Skin Corr. 1B (H314) Skin Sens. 1 (H317) Aquatic Chronic 2 (H411)	-	-
Benzyldimethylamine	(612-074-00- 7) 203-149-1	103-83-3	5 - <10	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)	-	01-2119529232- 48-XXXX

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

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

## **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. Get immediate

medical attention.

United Kingdom - BE Page 3/14

**BOSTIK RENO E742 STRUCTURE - Part B** 

Revision date 14-Feb-2023 Supercedes Date: 05-Feb-2021 **Revision Number** 3

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 Remove all sources of ignition. 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

Burning sensation. Itching. Rashes. Hives. Coughing and/ or wheezing. Difficulty in **Symptoms** 

breathing.

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

Product is a corrosive material. Use of gastric lavage or emesis is contra-indicated. Note to doctors

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.

## SECTION 5: Firefighting measures

5.1. Extinguishing media

**Suitable Extinguishing Media** Dry chemical. Carbon dioxide (CO2). Water spray. Alcohol resistant foam.

No information available. Unsuitable extinguishing media

5.2. Special hazards arising from the substance or mixture

Specific hazards arising from the

chemical

Keep product and empty container away from heat and sources of ignition. In the event of fire, cool tanks with water spray. 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.

Carbon oxides. Ammonia. Nitrogen oxides (NOx). **Hazardous combustion products** 

5.3. Advice for firefighters

precautions for fire-fighters

Special protective equipment and 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 Evacuate personnel to safe areas. Use personal protective equipment as required. See

section 8 for more information. Take precautionary measures against static discharges. Do not touch or walk through spilled material. Attention! Corrosive material. Avoid contact with skin, eyes or clothing. Ensure adequate ventilation. Keep people away from and

upwind of spill/leak. Avoid breathing vapours or mists.

United Kingdom - BE Page 4 / 14

**BOSTIK RENO E742 STRUCTURE - Part B** 

Revision date 14-Feb-2023 Supercedes Date: 05-Feb-2021 **Revision Number** 3

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

Use personal protection recommended in Section 8. For emergency responders

6.2. Environmental precautions

**Environmental precautions** Refer to protective measures listed in Sections 7 and 8. 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** Stop leak if you can do it without risk. Do not touch or walk through spilled material. Dyke

far ahead of liquid spill for later disposal.

Take precautionary measures against static discharges. Dam up. Soak up with inert Methods for cleaning up

absorbent material. Pick up and transfer to properly labelled containers.

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

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.

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

United Kingdom - BE Page 5/14

**BOSTIK RENO E742 STRUCTURE - Part B** 

Revision date 14-Feb-2023 Supercedes Date: 05-Feb-2021 **Revision Number** 3

### **Exposure Limits**

Derived No Effect Level (DNEL) No information available

Derived No Effect Level (DN	EL)		
Benzyl alcohol (100-51-6)			
Туре	Exposure route	Derived No Effect Level (DNEL)	Safety factor
worker Long term Systemic health effects	Inhalation	22 mg/m³	
worker Short term Systemic health effects	Inhalation	110 mg/m³	
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)						
Туре	Exposure route	Derived No Effect Level (DNEL)	Safety factor			
worker	Inhalation	0.073 mg/m <sup>3</sup>				

<b>Derived No Effect Level (DN</b>	EL)		
Benzyl alcohol (100-51-6)			
Туре	Exposure route	Derived No Effect Level (DNEL)	Safety factor
Consumer Long term Systemic health effects	Inhalation	5.4 mg/m³	
Consumer Short term Systemic health effects	Inhalation	27 mg/m³	
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 Systemic health effects	Oral	4 mg/kg bw/d	
Consumer Short term Systemic health effects	Oral	20 mg/kg bw/d	

## **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

United Kingdom - BE Page 6/14

**BOSTIK RENO E742 STRUCTURE - Part B** 

Supercedes Date: 05-Feb-2021 Revision Number 3

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

Revision date 14-Feb-2023

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 Respiratory protection

Suitable protective clothing.

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 stateLiquidAppearanceLiquidColourYellowOdourAmmonia.

Odour threshold No information available

Property Values Remarks • Method

Melting point / freezing point No data available None known

Initial boiling point and boiling > 1

range

> 150 °C

Flammability Not applicable for liquids .

Flammability Limit in Air None known

Upper flammability or explosive 13 limits

Lower flammability or explosive 1.2

limits

Flash point > 61 °C CC (closed cup)
Autoignition temperature No data available None known
Decomposition temperature None known

pHNo data availableNone known.pH (as aqueous solution)No data availableNone knownKinematic viscosityNo data availableNone known

**Dynamic viscosity** 70 - 130 mPa s Spindle A2 @ 60 rpm @ 23 °C

Water solubility Insoluble in water.

United Kingdom - BE Page 7/14

**BOSTIK RENO E742 STRUCTURE - Part B** 

Revision date 14-Feb-2023 Supercedes Date: 05-Feb-2021 **Revision Number** 3

No data available None known Solubility(ies) Partition coefficient No data available None known No data available None known Vapour pressure

Relative density No data available -No data available **Bulk Density Density** 1.004 - g/cm<sup>3</sup>

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

No information available. Reactivity

10.2. Chemical stability

**Stability** Stable under normal conditions.

**Explosion data** 

Sensitivity to mechanical None.

impact

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

Incompatible materials Acids. Bases. Oxidising agent.

10.6. Hazardous decomposition products

None under normal use conditions. Thermal decomposition can lead to release of **Hazardous decomposition** 

products 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** 

United Kingdom - BE Page 8/14

**BOSTIK RENO E742 STRUCTURE - Part B** 

Revision date 14-Feb-2023 Supercedes Date: 05-Feb-2021 **Revision Number** 3

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.

Specific test data for the substance or mixture is not available. Causes serious eye Eve contact

damage. (based on components). Corrosive to the eyes and may cause severe damage

including blindness. May cause irreversible damage to eyes.

Specific test data for the substance or mixture is not available. Corrosive. (based on Skin contact

> components). Causes burns. May cause sensitisation by skin contact. Repeated or prolonged skin contact may cause allergic reactions with susceptible persons.

Specific test data for the substance or mixture is not available. Causes burns. (based on Ingestion

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

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

Hives.

Acute toxicity

**Numerical measures of toxicity** 

The following values are calculated based on chapter 3.1 of the GHS document

ATEmix (oral) 1,152.60 mg/kg ATEmix (dermal) 9,781.30 mg/kg ATEmix (inhalation-gas) 99,999.00 ppm ATEmix (inhalation-dust/mist) 3.50 mg/l ATEmix (inhalation-vapour) 23.00 mg/l

## **Component Information**

Chemical name	Oral LD50	Dermal LD50	Inhalation LC50
Benzyl alcohol	LD50 = 1620 mg/kg (Rattus)	> 2 g/kg (Oryctolagus	>4.17 mg/L (Rattus) 4 h
		cuniculus)	-
3-aminomethyl-3,5,5-trimethylc	=1040 mg/kg (Rattus)	LD50 > 2000 mg/kg (Rattus)	> 5.01 mg/L (Rat) 4 h
yclohexylamine		OECD 402	1.07 - 5.01 mg/L (Rat) 4 h
Cyclohexanemethanamine,	-	> 2000 mg/kg (Rat)	-
5-amino-1,3.3-trimethyl-,reacti			
on products with bisphenol A			
diglycidyl ether homopolymer			
Benzyldimethylamine	=579 mg/kg (Rattus)	= 1.66 mL/kg (Oryctolagus	LC50 (4h) =2.052 mg/L
		cuniculus) = 1660 mg/kg	(Rattus)
		(Oryctolagus cuniculus)	

## 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 burns.

Serious eye damage/eye irritation Classification based on data available for ingredients. Risk of serious damage to eyes.

United Kingdom - BE Page 9/14

**BOSTIK RENO E742 STRUCTURE - Part B** 

Revision date 14-Feb-2023 Supercedes Date: 05-Feb-2021 **Revision Number** 3

Causes burns.

Respiratory or skin sensitisation May cause sensitisation by skin contact.

Germ cell mutagenicity Based on available data, the classification criteria are not met.

Based on available data, the classification criteria are not met. Carcinogenicity

Reproductive toxicity Based on available data, the classification criteria are not met.

Based on available data, the classification criteria are not met. STOT - single exposure

STOT - repeated exposure Based on available data, the classification criteria are not met.

Based on available data, the classification criteria are not met. **Aspiration hazard** 

11.2. Information on other hazards

11.2.1. Endocrine disrupting properties

No information available. **Endocrine disrupting properties** 

11.2.2. Other information

Other adverse effects No information available.

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.

Chemical name	Algae/aquatic	Fish	Toxicity to	Crustacea	M-Factor	M-Factor
	plants		microorganisms			(long-term)
Benzyl alcohol	EC 50 (72h) =	LC50 96 h = 460	EC50 = 50  mg/L	EC50 48 h = 230		
100-51-6	700 mg/L	mg/L	5 min	mg/L (Daphnia		
	(Pseudokirchner	(Pimephales	EC50 = 63.7	magna)		
	ella subcapitata)	promelas static)	mg/L 15 min			
	OECD 201		EC50 = 63.7			
			mg/L 5 min			
			EC50 = 71.4			
			mg/L 30 min			
3-aminomethyl-3,5,5-tri	EC50: =37mg/L	LC50: =110mg/L	-	EC50: =42mg/L		
methylcyclohexylamine	(72h,	(96h, Leuciscus		(24h, Daphnia		
2855-13-2	Desmodesmus	idus)		magna) EC50:		
	subspicatus)			14.6 - 21.5mg/L		
				(48h, Daphnia		

United Kingdom - BE Page 10/14

**BOSTIK RENO E742 STRUCTURE - Part B** 

Revision date 14-Feb-2023 Supercedes Date: 05-Feb-2021 **Revision Number** 3

				magna)	
Benzyldimethylamine	-	LC50: 35.8 -	-	-	
103-83-3		39.9mg/L (96h,			
		Pimephales			
		promelas)			

#### 12.2. Persistence and degradability

Persistence and degradability No information available.

### 12.3. Bioaccumulative potential

#### **Bioaccumulation**

**Component Information** 

•••••••••••••	
Chemical name	Partition coefficient
Benzyl alcohol	1.05
3-aminomethyl-3,5,5-trimethylcyclohexylamine	2.33
Cyclohexanemethanamine, 5-amino-1,3.3-trimethyl-,reaction	2.36
products with bisphenol A diglycidyl ether homopolymer	
Benzyldimethylamine	1.98

#### 12.4. Mobility in soil

Mobility in soil No information available.

## 12.5. Results of PBT and vPvB assessment

The product does not contain any substance(s) classified as PBT or vPvB above the PBT and vPvB assessment

threshold of declaration.

Chemical name	PBT and vPvB assessment
Benzyl alcohol	The substance is not PBT / vPvB
3-aminomethyl-3,5,5-trimethylcyclohexylamine	The substance is not PBT / vPvB
Cyclohexanemethanamine, 5-amino-1,3.3-trimethyl-,reaction	The substance is not PBT / vPvB
products with bisphenol A diglycidyl ether homopolymer	
Benzyldimethylamine	The substance is not PBT / vPvB

## 12.6. Endocrine disrupting properties

**Endocrine disrupting properties** No information available.

### 12.7. Other adverse effects

No information available.

# **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.

according to EWC

Waste codes / waste designations 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.

United Kingdom - BE Page 11/14

**BOSTIK RENO E742 STRUCTURE - Part B** 

Revision date 14-Feb-2023 Supercedes Date: 05-Feb-2021 **Revision Number** 3

Other information Waste codes should be assigned by the user based on the application for which the

product was used.

# **SECTION 14: Transport information**

The shipping descriptions shown here are for bulk shipments only, and may not apply to Note:

> 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 Proper Shipping Name Amines, liquid, corrosive, n.o.s (3-aminomethyl-3,5,5-trimethylcyclohexylamine,

Benzyldimethylamine)

14.3 Transport hazard class(es)

Labels 8

14.4 Packing group Ш

Description UN2735, Amines, liquid, corrosive, n.o.s

(3-aminomethyl-3,5,5-trimethylcyclohexylamine, Benzyldimethylamine), 8, II, (E)

Not applicable 14.5 Environmental hazards

14.6 Special Provisions 274 Classification code C7 **Tunnel restriction code** (E) Limited quantity (LQ) 1 L **ADR Hazard Id (Kemmler** 80

Number)

**IMDG** 

14.1 UN number or ID number UN2735

14.2 Proper Shipping Name Amines, liquid, corrosive, n.o.s (3-aminomethyl-3,5,5-trimethylcyclohexylamine,

Benzyldimethylamine)

14.3 Transport hazard class(es)

14.4 Packing group

Description UN2735, Amines, liquid, corrosive, n.o.s

(3-aminomethyl-3,5,5-trimethylcyclohexylamine, Benzyldimethylamine), 8, II

NP 14.5 Marine pollutant 14.6 Special Provisions 274 Limited Quantity (LQ) 1 L F-A, S-B EmS-No

14.7 Maritime transport in bulk according to IMO instruments

Not applicable

Air transport (ICAO-TI / IATA-DGR)

14.1 UN number or ID number UN2735

Amines, liquid, corrosive, n.o.s (3-aminomethyl-3,5,5-trimethylcyclohexylamine, 14.2 Proper Shipping Name

Benzyldimethylamine)

14.3 Transport hazard class(es)

14.4 Packing group

Description UN2735, Amines, liquid, corrosive, n.o.s

(3-aminomethyl-3,5,5-trimethylcyclohexylamine, Benzyldimethylamine), 8, II

14.5 Environmental hazards Not applicable 14.6 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

United Kingdom - BE Page 12/14

**BOSTIK RENO E742 STRUCTURE - Part B** 

Revision date 14-Feb-2023 Supercedes Date: 05-Feb-2021 **Revision Number** 3

#### **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

#### Registration, Evaluation, Authorization, 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 >=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)

## Ozone-depleting substances (ODS) regulation (EC) 1005/2009

Not applicable

### **Persistent Organic Pollutants**

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. 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 H-Statements referred to under section 3

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 eve damage

H319 - Causes serious eye irritation

H331 - Toxic if inhaled

H332 - Harmful if inhaled

H411 - Toxic to aquatic life with long lasting effects

H412 - Harmful to aquatic life with long lasting effects

### Legend

United Kingdom - BE Page 13/14

**BOSTIK RENO E742 STRUCTURE - Part B** 

Revision date 14-Feb-2023 Supercedes Date: 05-Feb-2021 **Revision Number** 3

**TWA** TWA (time-weighted average) **STEL** STEL (Short Term Exposure Limit)

Ceiling Limit Value Ceilina Skin designation

**SVHC** Substance(s) of Very High Concern

PBT Persistent, Bioaccumulative, and Toxic (PBT) Chemicals Very Persistent and very Bioaccumulative (vPvB) Chemicals vPvB

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) International Air Transport Association (IATA) 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

14-Feb-2023 **Revision date** 

**Indication of changes** 

**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

Safety Data Sheet according to Regulation (EC) No. 1907/2006 (REACH)

### **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** 

United Kingdom - BE Page 14/14