

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

EVO-STIK HARD AND FAST EPOXY PUTTY Supercedes Date: 25-May-2018 Revision Date 25-May-2018 Revision Number 1.01

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

1.1. Product Identifier

Product Name Pure substance/mixture EVO-STIK HARD AND FAST EPOXY PUTTY Mixture

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

Filler. None known

Recommended 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	+44 (1785) 272650
Ireland	+353 (1) 8624900 (Monday- Friday 9am-5pm)

Section 2: HAZARD IDENTIFICATION

2.1. Classification of the substance or mixture

Classification according to Regulation (EC) No. 1272/2008 [CLP]

Skin Corrosion/Irritation	Category 2 - (H315)
Serious eye damage/eye irritation	Category 2 - (H319)
Skin sensitisation	Category 1 - (H317)
Chronic aquatic toxicity	Category 3 - (H412)

2.2. Label Elements

Labelling according to Regulation (EC) No. 1272/2008 [CLP]

Contains Bisphenol-A-Epichlorhydrin Epoxy resin <= 700 MW



Signal Word WARNING

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Hazard statements

H412 - Harmful to aquatic life with long lasting effects

H319 - Causes serious eye irritation

H315 - Causes skin irritation

H317 - May cause an allergic skin reaction

Special provisions concerning the labelling of certain mixtures

EUH205 - Contains epoxy constituents. May produce an allergic reaction

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

P101 - If medical advice is needed, have product container or label at hand
P102 - Keep out of reach of children
P273 - Avoid release to the environment
P280 - Wear protective gloves and eye/face protection
P302 + P352 - IF ON SKIN: Wash with plenty of water and soap
P305 + P351 + P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing
P332 + P313 - If skin irritation occurs: Get medical advice/attention
P501 - Dispose of contents/ container to an approved waste disposal plant

2.3. Other Hazards

General Hazards

No information available.

PBT and vPvB assessment

The components in this formulation do not meet the criteria for classification as PBT or vPvB

Section 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.1 Substances

Mixture

3.2 Mixtures

Chemical Name	EC No	CAS No	Weight-%	Classification according to Regulation (EC) No. 1272/2008 [CLP]	Specific concentration limit (SCL)	REACH Registration Number
Bisphenol-A-Epichlorhydrin Epoxy resin <= 700 MW	500-033-5	25068-38-6	10 - <20	Skin Irrit. 2 (H315) Eye Irrit. 2 (H319) Skin Sens. 1 (H317) Aquatic Chronic 2 (H411)	Eye Irrit. 2 :: C>=5% Skin Irrit. 2 :: C>=5%	01-2119456619-26 -xxxx

Full text of H- and EUH-phrases: see section 16 Note: ^ indicates not classifed, however, the substance is listed in section 3 as it has an OEL.

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

Inhalation

Not an expected route of exposure.

Skin Contact

Wash off immediately with soap and plenty of water. Wash contaminated clothing before

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	reuse. If skin irritation persists, call a doctor.			
Eye contact	e contact In case of eye contact, remove contact lens and rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. If eye irritation persists: Get medical advice/attention.			
Ingestion	Do NOT induce vomiting. Clean mouth with water and drink afterwards plenty of water. Get medical attention if symptoms occur.			
4.2. Most important symptoms and	d effects, both acute and delayed			
Symptoms	Irritating to eyes. Irritating to skin. May cause allergic skin reaction.			
4.3. Indication of any immediate m	nedical attention and special treatment needed			
Note to doctors	Treat symptomatically.			
Section 5: FIREFIGHTING M	IEASURES			
5.1. Extinguishing media				
Suitable Extinguishing Media Use extinguishing measures that are	e appropriate to local circumstances and the surrounding environment.			
Unsuitable Extinguishing Media No information available				
5.2. Special hazards arising from t	the substance or mixture			
Thermal decomposition can lead to r	release of irritating and toxic gases and vapours.			
Hazardous Combustion Products	Carbon dioxide (CO2), Carbon monoxide, Oxides of sulphur, Hazardous metal fumes and oxides.			
5.3. Advice for firefighters				
Do not allow run-off from fire-fighting	to enter drains or water courses.			
Section 6: ACCIDENTAL RE	LEASE MEASURES			
6.1. Personal precautions, protect	ive equipment and emergency procedures			
Personal Precautions Avoid contact with eyes and skin.				
For emergency responders Use personal protection recommend	led in Section 8.			
6.2. Environmental precautions				
Collect spillage. Do not allow into an	y sewer, on the ground or into any body of water.			
6.3. Methods and material for cont	tainment and cleaning up			
Methods for Containment Prevent further leakage or spillage if safe to do so.				
Mathada far alganing un	Take up machanically, placing in appropriate containare for disposal			

6.4. Reference to other sections

Reference to other sections	Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION
	Section 13: DISPOSAL CONSIDERATIONS

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Section 7: HANDLING AND STORAGE

7.1. Precautions for safe handling

Advice on safe handling

Avoid contact with eyes and skin.

General Hygiene Considerations

Handle in accordance with good industrial hygiene and safety practice.

7.2. Conditions for safe storage, including any incompatibilities

Storage Conditions

Keep container tightly closed in a dry and well-ventilated place.

7.3. Specific end use(s)

Other Information

Recommendation(s). Observe technical data sheet.

Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1. Control parameters

Chemical Name	European Union	Ireland	United Kingdom
Talc	-	TWA: 10 mg/m ³	STEL: 3 mg/m ³ respirable dust
14807-96-6		TWA: 0.8 mg/m ³	TWA: 1 mg/m ³ respirable dust
		STEL: 30 mg/m ³	
		STEL: 2.4 mg/m ³	

Derived No Effect Level (DNEL) No information available

Predicted No Effect Concentration No information available. (PNEC)

8.2. Exposure controls

Engineering Controls

Ensure adequate ventilation, especially in confined areas.

Personal Protective Equipment

Eye/Face Protection	Tight sealing safety goggles.
Hand Protection	Gloves made of plastic or rubber.
Skin and Body Protection	Suitable protective clothing.

Environmental Exposure Controls No information available.

Section 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties

Physical State
Appearance
Colour
Odour
Odour Threshold

Property pH Melting point / freezing point Boiling point / boiling range Flash Point Evaporation Rate Flammability (solid, gas) Solid Paste Grey Black Pungent Sulphurous No information available

Values______ No information available Remarks • Method

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Flammability Limit in Air	
Upper flammability limit:	No information available
Lower flammability limit	No information available
Vapour Pressure	No information available
Vapour Density	No information available
Relative Density	2.25
Water Solubility	Insoluble in water
Solubility in Other Solvents	Methyl alcohol, Ether, Acetone
Partition Coefficient	No information available
Autoignition Temperature	No information available
Decomposition Temperature	>150°C
Explosive Properties	No information available
Explosive Limits	No information available
Upper	No information available
Lower	No information available
Oxidising Properties	No information available
Kinematic Viscosity	No information available
Dynamic Viscosity	No information available
9.2. Other information	
Softening Point	No information available
Molecular Weight	No information available
Solvent content (%)	No information available
Solid content (%)	No information available
Density	No data available
Bulk Density	No data available

Section 10: STABILITY AND REACTIVITY

10.1. Reactivity

VOC content (%)

None under normal use conditions.

10.2. Chemical 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

Heat, flames and sparks.

10.5. Incompatible materials

No information available.

10.6. Hazardous decomposition products

None under normal use conditions.

Section 11: TOXICOLOGY INFORMATION

11.1. Information on toxicological effects

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Information on likely routes of exposure

Product Information

No information or data specific to the product on this toxicological (health) effect is available.

Inhalation Eve contact	No data available. Severely irritating to eyes.
Skin Contact	Irritating to skin.
Ingestion	No data available.
Sensitisation	May cause sensitisation by skin contact.

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

Skin Corrosion/Irritation	Not applicable.
Serious eye damage/eye irritation	Not applicable.
Sensitisation	Not applicable.
Germ Cell Mutagenicity	Not applicable.
Carcinogenicity	Not applicable.
Reproductive Toxicity	No information available.
STOT - Single Exposure	No information available.
STOT - Repeated Exposure	No information available.
Aspiration hazard	No information available.

Numerical measures of toxicity

Acute Toxicity

Component Information

Toxicity Data

Data obtained on the component(s) include

Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
Bisphenol-A-Epichlorhydrin Epoxy	LD50 (rat) > 2000 mg/kg OECD	>2000 mg/Kg (rat)	-
resin <= 700 MW	420		
25068-38-6			

Section 12: ECOLOGICAL INFORMATION

12.1. Toxicity

Ecotoxicity

Harmful to aquatic life with long lasting effects

Component Information

Chemical Name	Algae/aquatic plants	Fish	Crustacea	M-Factor
Bisphenol-A-Epichlorhydrin	EC50 (72h) = 9.4 mg/L	1.2 mg/l 96Hr (Oncorhynchus	2.7 mg/l 48hr Daphia Magna	
Epoxy resin <= 700 MW	(Scenedesmus capricornutum)	mykiss)		
25068-38-6	EPA-660/3-75-009			

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12.2. Persistence and degradability

No information available.

12.3. Bioaccumulative potential

No information available.

Partition coefficient No information available

12.4. Mobility in soil

Mobility in soil

No information available.

12.5. Results of PBT and vPvB assessment

The components in this formulation do not meet the criteria for classification as PBT or vPvB.

12.6. Other adverse effects

No information available

Endocrine Disruptor Information

This product does not contain any known or suspected endocrine disruptors.

Chemical Name	EU - Endocrine Disrupters Candidate List	EU - Endocrine Disruptors - Evaluated Substances
Bisphenol-A-Epichlorhydrin Epoxy resin <= 700 MW 25068-38-6	Group III Chemical	

Section 13: DISPOSAL CONSIDERATIONS

13.1. Waste treatment methods

Waste from Residues/Unused	Dispose of wastes in an approved waste disposal facility.
Products	

Contaminated Packaging

Improper disposal or reuse of this container may be dangerous and illegal.

Section 14: TRANSPORT INFORMATION

ADR 14.1 UN/ID no 14.2 Proper Shipping Name 14.3 Transport hazard class(es) 14.4 Packing Group 14.5 Environmental Hazard 14.6 Special Provisions	Not regulated Not regulated Not regulated Not applicable None	
IMDG		
14.1 UN Number	Not regulated	
14.2 Proper Shipping Name	Not regulated	
14.3 Transport hazard class(es)	Not regulated	
14.4 Packing Group	Not regulated	
14.5 Marine Pollutant	Np	
14.6 Special Provisions	None	
14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code No information available		
<u>RID</u> 14.1 UN Number 14.2 Proper Shipping Name	Not regulated Not regulated	

14.3 Transport hazard class(es)

14.4 Packing Group14.5 Environmental Hazard14.6 Special Provisions	Not regulated Not applicable None
ICAO (air) 14.1 UN/ID no 14.2 Proper Shipping Name 14.3 Hazard Class 14.4 Packing Group 14.5 Environmental Hazard 14.6 Special Provisions	Not regulated Not regulated Not regulated Not regulated Not applicable None
IATA 14.1 UN/ID no 14.2 Proper Shipping Name 14.3 Transport hazard class(es) 14.4 Packing Group 14.5 Environmental Hazard 14.6 Special Provisions	Not regulated Not regulated Not regulated Not regulated Not applicable None

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

Not regulated

Registration, Evaluation, Authorization, and Restriction of Chemicals (REACh) Regulation (EC 1907/2006)

EU-REACH (1907/2006) - Candidate List of Substances of Very High Concern (SVHC) for Authorization in accordance with Article 59

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).

EU-REACH (1907/2006) - Annex XIV - List of substances subject to Authorization

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

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STEL (Short Term Exposure Limit)

Skin designation

15.2. Chemical safety assessment

None

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

H315 - Causes skin irritation

- H319 Causes serious eye irritation
- H317 May cause an allergic skin reaction
- H411 Toxic to aquatic life with long lasting effects

Legend

SVHC: Substances of Very High Concern for Authorisation:

Legend	Section 8: Exposure controls and personal protection		
TWA	TWA (time-weighted average)	STEL	
Ceiling	Maximum limit value	*	
PBT Persistent, Bioaccumulative, and Toxic (PBT) Chemicals			
STOT (RE): Specific target organ toxicity - Repeated exposure			
STOT (SE): Specific target organ toxicity - Single exposure			
EWC: European Waste Catalogue			

Key literature references and sources for data

Classification and labeling data calculated from data received from raw material suppliers

Prepared By	Product Safety & Regulatory Affairs
Revision Date	25-May-2018
Indication of changes	
Revision Note	Not applicable.
Training Advice	No information available
Further information	No information available

This safety data sheet complies with the requirements of: Regulation (EC) No. 1907/2006

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