

MATERIAL SAFETY DATA SHEET

TACK PRIMER WB -PACK A

1. Identification of the substance/preparation and company.

Product Name : Epoxy Products Tack Primer WB (Resin - Pack A)
Product Type : Epoxy Resin Adhesive
Application : Epoxy Resin Primer for Epoxy Floor Screeds.
Supplier : Emergency Telephone Number: (01202) 826833
Epoxy Products Limited, 7 Haviland Road, Ferndown Industrial Estate, Wimborne, Dorset. BH21 7RZ

2. Hazards Identification

Physical Hazard : None-classifiable
Health Hazard : Irritant (Xi)
Irritating to eyes and skin. (R36/38)
May cause sensitisation by skin contact. (R43)

3. Composition/Information on Ingredients

Modified Liquid Bisphenol A/F-Epichlorohydrin Epoxide Resin.

3.1 Information on Ingredients

The ingredients listed below have been associated with one or more of the listed immediate and/or delayed (*) health hazards. Risk of damage and effects depends upon duration and level of exposure.

BEFORE USING OR HANDLING, READ AND UNDERSTAND THE MATERIAL SAFETY DATA SHEET.

CAS/Registry No.	Material Description	% Content
25068-38-6	*4,4'-ISOPROPYLLINDENEDIPHENOL-EPICHLOROHYDRIN COPOLYMER Physical Hazard: Non-classifiable Health Hazard: Irritant (Xi) Irritating to eyes. (R36) Irritating to skin. (R38) May cause sensitisation by skin contact. (R43) Toxic to aquatic organisms, may cause long term adverse effects in the aquatic environment. (R51/53) OEL: None Established	35-50
55492-52-9	*BISPHENOL F-EPICHLOROHYDRIN COPOLYMER Physical Hazard: Non-classifiable Health Hazard: Irritant (Xi) Irritating to eyes. (R36) Irritating to skin. (R38) May cause sensitisation by skin contact. (R43) Toxic to aquatic organisms, may cause long term adverse effects in the aquatic environment. (R51/53) OEL: None Established	35-50

4. First-aid Measures

Ingestion : If accidentally swallowed, give large quantities of water or milk or dilute the effects on the stomach. Do not induce vomiting. Seek medical advice.
Inhalation : If inhalation causes adverse effects, remove to fresh air. If problem persists, seek medical advice.
Skin Contact: In case of contact, immediately flush with plenty of water, remove contaminated clothing. Seek medical attention.
Eye Contact: Immediately flush eyes with plenty of water for at least 15 minutes. Eyelids should be held apart during irrigation to ensure water contact with entire surface of eyes and lids. Seek immediately medical attention.

5. Fire-fighting Measures

Non-flammable at room temperature, but will burn. In case of fire, use water spray, dry chemical, foam or carbon dioxide extinguishers. Use water to keep fire-exposed containers cool. For large fires, fire-fighters should wear full emergency protective equipment including self-contained breathing apparatus.

6. Accidental Release Measures

Always wear appropriate protective clothing (refer to Section 8.2).
Large quantities : Contain and absorb with sand or sawdust and prevent from entering drains or watercourses; should this occur, the relevant Local Authority must be notified.
Small quantities : Soak up with absorbent material and remove to a chemical disposal area.

7. Handling and Storage

7.1. Handling

Handle in accordance with good industrial hygiene and safety practices. Refer to Section 8 for appropriate personal protection equipment. Wash thoroughly after handling.

Inhalation : Avoid prolonged or repeated breathing of vapour.
Skin Contact : Avoid contact with skin or clothing.
Eyes : Avoid contact with eyes.

7.2. Storage

Keep in tightly sealed containers and store in a cool dry place avoiding exposure to heat, light, moisture and air.

8. Exposure Controls/Personal Protection

8.1. Personal Protection

Where air contaminants can exceed acceptable criteria, use approved respiratory protection equipment. Use goggles if contact is likely. Wear impervious gloves as required to prevent skin contact.

9. Physical and Chemical Properties

Appearance	Pale yellow liquid, slightly sweet odour
Boiling Point	>150° C
Flammability	Combustible
Auto-ignition Temperature	>200° C
Relative Density	1.12g/cm ³ at 25° C
Water Solubility	Not miscible

10. Stability and Reactivity

Normally considered stable and inert.	
Hazardous polymerisation:	Will not occur.
Materials to avoid:	Mineral acids, bases, amines and mercaptans.
Conditions to avoid:	None known to Epoxy Products Ltd.
Thermal decomposition products may include:	Oxides of carbon.
Other Hazards:	None known to Epoxy Products Ltd.

11. Toxicological Information

11.1 Immediate Hazards

Ingestion :	May be harmful if accidentally swallowed.
Inhalation :	Not expected to be harmful under normal conditions of use.
Skin :	Irritating to skin.
Eyes :	Irritating to eyes.

11.2. Delayed Hazards

25068-38-6	*4,4'-ISOPROPYLIDENEDIPHENOL-EPICHLOROHYDRIN COPOLYMER May cause sensitisation by skin contact.
55492-52-9	*BISPHENOL F-EPICHLOROHYDRIN COPOLYMER May cause sensitisation by skin contact.

12. Ecological Information

Mobility:	Not determined.
Degradability:	Not determined.
Bio-accumulative potential:	Not determined.
Aquatic toxicity:	Toxicity to bacteria, algae and higher marine organisms not tested. COD: Not determined.

13. Disposal Considerations

DO NOT reuse containers containing residual product without thorough cleaning. All waste should be disposed of using a Registered Waste Carrier operating under the Environmental Protection Act (Duty of Care) Regulations 1992. (S.I. No 2839).

14. Transport Information

UK Carriage Classification	: Environmentally Hazardous Substance
UN Conveyance Classification	: Environmentally Hazardous Substance
UN Class	: 9
UN Packaging Group	: 111
UN Number	: 3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE (Contains Epoxy Resin)
ADR/RID Proper Shipping Name	: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Contains Epoxy Resin)
HS Code Number	: 390730 00

15. Regulatory Information



DANGEROUS FOR THE ENVIRONMENT



HARMFUL /IRRITANT

EC Label name	: Contains Epoxy Resin (number average molecular weight <700)
EC Classification	: Harmful/Irritant. Dangerous for the environment.
EC Symbols	: Xi, N
EC Risk phrases	: R36/38 Irritating to eyes and skin R43 May cause sensitisation by skin contact. R51/53 Toxic to aquatic organisms, may cause long term adverse effects in the aquatic environment.
Safety phrases	: S24 Avoid contact with skin. S26 In case of contact with eyes; rinse immediately with plenty of water and seek medical advice S28 After contact with skin; wash immediately with plenty of soap and water. S37/39 Wear suitable gloves and eye/face protection. S61 Avoid release to the environment.

16. Other Information

Date Issued	: 10.01.2008
Reference	: SD/TPWB/A/03
Intended Use	: Epoxy Resin Primer for Epoxy Floor Screeds.
Product Code	: Epoxy Products Tack Primer WB (Resin - Pack A)

The information is based on our current knowledge and is intended to describe the product for the purpose of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.

MATERIAL SAFETY DATA SHEET

TACK PRIMER WB - PACK B

1. Identification of the substance/preparation and company.

Product Name : Epoxy Products Tack Primer WB (Hardener - Pack B)
Product Type : Epoxy Resin Curing Agent
Application : Epoxy Resin Primer.
Supplier: Emergency Telephone Number: (01202) 891899
Epoxy Products Limited, 7 Haviland Road, Ferndown Industrial Estate, Wimborne, Dorset. BH21 7RZ

2. Hazards Identification

Irritating to skin(R38). Risk of serious damage to eyes(R41). May cause sensitisation by skin contact (R43).

3.1. Signs and Symptoms of Exposure (Possible Longer Term Effects)

Repeated and/or prolonged contact with the skin may cause allergic reaction/sensitisation.

Repeated and/or prolonged exposure may result in : adverse eye effects (such as conjunctivitis or corneal damage), adverse skin effects (such as defatting, rash, irritation or corrosion), adverse respiratory effects (such as cough, tightness of chest or shortness of breath).

3. Composition/Information on Ingredients

Preparation description	:	Epoxy amine adduct emulsion
CAS Number and Chemical Name	%	Classification
7732-18-5 Water	35 - 69	None
Polyamino-amide	30 - 60	Xi; R41
Polyethyleneamines	1 - 5	C; Xn; R21/22. R34. R43

4. First-aid Measures

Contact with eyes causes severe irritation and pain.

Contact with skin causes severe irritation and pain.

Inhalation of vapours may cause irritation in the respiratory tract.

Ingestion : If swallowed seek medical advice immediately. Induce vomiting or remove stomach contents by gastric suction only as directed by Medical personnel.

Inhalation : In case of inhalation, move patient at once to fresh air and seek medical advice.

Skin Contact : Remove product and immediately flush affected area with water for at least 15 minutes.

Eye Contact : Hold eyelids apart and immediately flush eyes with plenty of water for at least 15 minutes. Seek medical advice immediately.

5. Fire-fighting Measures

5.1. Suitable Extinguishing Media

Ignition will give rise to a Class B fire. In case of fire use : Water Spray, Carbon Dioxide (Co²), Dry Chemical Alcohol Foam.

5.2. Special Exposure Hazards (Fire Fighting)

May generate toxic, irritating or flammable combustion products. May generate carbon monoxide gas. May generate toxic nitrogen oxide gases.

5.3. Special Fire Fighting Procedures

Keep containers cool with water spray. Avoid skin contact. Wear complete body protective butyl rubber clothing. Use water spray to reduce vapours. Fire-fighters should wear butyl rubber boots, gloves and body suit and self contained breathing apparatus.

6. Accidental Release Measures

Prevent accidental spillage's to enter streams or drinking water supplies.

7. Handling and Storage

Handling : Avoid contact with eyes. Avoid breathing vapours..

Storage : Keep away from oxidisers, heat or flames. Protect containers from physical damage and from freezing.

8. Exposure Controls/Personal Protection

8.1. Personal Protection

- a) Respiratory Protection : Under normal conditions - not required.
- b) Hand Protection : Nitrile rubber gloves or any impermeable gloves must be worn.
- c) Eye Protection : Goggles or chemical safety glasses.
- d) Skin Protection : Protective long sleeved overalls must be worn.

9. Physical and Chemical Properties

Appearance	:	Mobile viscous liquid
Colour	:	Various
Odour	:	Ammoniacal
pH	:	Alkaline
Boiling Point	:	100C (212F)
Flash Point	:	Not determined
Flammability	:	Not applicable
Autoflammability	:	>150C (>302F)
Explosive Limits	:	No data
Vapour Pressure	:	Not determined.
Relative Density	:	1.500 @ 25C (77F)
Water Solubility	:	Completely

10. Stability and Reactivity

Materials To Avoid

Oxidising Agents (i.e. perchlorates, nitrates etc.); Amines. A reaction accompanied by large heat release occurs when the product is mixed with acids.

Hazardous Decomposition Products

Carbon Monoxide in a fire. Carbon Dioxide in a fire. Nitrogen Oxides in a fire. Irritating and toxic fumes at elevated temperatures.

Hazardous Polymerisation

Will not occur.

11. Toxicological Information

Oral LD50 (rat) : >2000 mg/kg (estimate)

Dermal LD50 (rabbit) : > 5000 mg/kg (estimate)

Inhalation LC50 (rat) : No Data

11.1 Irritation Effects Data

Moderate irritant to the skin of a rabbit. Severe irritant to the eyes of a rabbit.

12. Ecological Information

Information on this mixture is insufficient to classify.

13. Disposal Considerations

Dispose of in accordance with local and national regulations. For example, in the UK regulations made under the Control of Pollution Act 1974 and the Environmental Protection Act 1990. Wear protective clothing during disposal operations. If disposal is by a waste contractor, make sure that he has sufficient information and that waste containers are properly labelled.

14. Transport Information

Adr/Rid Shipping Data : Not Regulated

Imo Shipping Data : Not Regulated

Icao/Iata Shipping Data : Not Regulated

Is The Product Classed As A Marine Pollutant? No

15. Regulatory Information



EEC Symbol : IRRITANT (Xi)

EEC Council Directive relating to the classification, packaging and labelling of dangerous substances and preparations Risk ® and Safety (S) phrases

Irritating to skin (R38). Risk of serious damage to eyes (R41). May cause sensitisation by skin contact (R43). In case of contact with eyes, rinse well with plenty of water and seek medical advice (S26). After contact with skin, wash immediately with plenty of soap and water (S28). Wear suitable protective clothing, gloves and eye/face protection (S36/37/39).

16. Other Information

Date Issued : 10.01.2008

Reference : SD/TPWB/B/03

Intended Use : Epoxy Resin Curing Agent

Product Code : Epoxy Products Tack Primer WB (Pack B - Hardener)

The information is based on our current knowledge and is intended to describe the product for the purpose of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.