

# MATERIAL SAFETY DATA SHEET

## SAFETY COATING WB - PACK A

### SECTION 1. Identification of the substance/mixture and of the company/undertaking.

- 1.1 Product identifier : Epoxy Products Safety Coating WB - Pack A  
1.2 Relevant identified uses of the substance or mixture and uses advised against : Epoxy resin floor coating  
1.3 Details of the supplier of the safety data sheet : Epoxy Products Limited, Unit 7 Haviland Road, Ferndown Industrial Estate, Wimborne, Dorset. BH21 7RZ England  
Tel No. +44 (0) 1202 891899  
Email Address – Technical Information : [sales@epoxyproducts.co.uk](mailto:sales@epoxyproducts.co.uk)  
Telephone : +44 (0) 1202 891899  
1.4 Emergency telephone number : +44 (0) 1202 891899

### SECTION 2. Hazards Identification

- 2.1 Classification of the substance or mixture  
Classification according to Regulation 1272/2008 (CLP)  
Skin corrosion/irritant - Category 2 H315 : Causes skin irritation.  
Eye damage/irritant – Category 2 H319 : Causes serious eye irritation  
Skin sensitisation - Category 1 H317 : May cause an allergic skin reaction.  
Aquatic Chronic - Category 2 H411 : Toxic to aquatic life with long lasting effects.

- 2.2 Label Elements  
Hazard pictograms/symbols



Signal Word: Warning

Hazard Statements:

H319: Causes serious eye irritation.

H315: Causes skin irritation.

H317: May cause an allergic skin reaction.

H411: Toxic to aquatic life with long lasting effects.

Precautionary Statements:

- Prevention : Wear protective gloves  
Wear eye or face protection  
Avoid release to the environment  
Response : IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
Disposal : Disposal of contents/container to be specified in accordance with national regulations.

- 2.3 Other Hazards  
Substance meets the criteria for PBT according to Regulation (EC) No. 1907/2006, Annexe X111  
Not Applicable  
Substance meets the criteria for vPvB according to Regulation (EC) No. 1907/2006, Annexe X111  
Not Applicable

### SECTION 3. Composition/Information on Ingredients

Substance/Mixture	: Mixture				
Component	EINECS	CAS Number	Concentration %	Classification (CLP)	REACH REG
Epoxy Resin Bisphenol Type A (Mol..Wt.<700)	500-033-5	25068-38-6	<25	Skin Corr/Irrit. 2; H315 Eye Dam/Irrit. 2 ; H319 Skin Sens. 1 ; H317 Aquatic Chronic 2, H411	01-2119456619-26
Formaldehyde, polymer with (chloromethyl) oxirane and Phenol, MW<700	500-006-8	9003-36-5	<12	Skin Corr/Irrit. 2; H315 Skin Sens. 1 ; H317 Aquatic Chronic 2, H411	01-2119454392-40
Oxirane, mono{(C12-C14-alkyloxy) methyl} derivs.	271-846-8	68609-97-2	<8	Skin Corr/Irrit. 2; H315 Skin Sens. 1 ; H317	01-2119485289

### 4. First-aid measures

- 4.1 Description of first aid measures  
Eye Contact : Rinse immediately with plenty of water also under the eyelids for at least 10 minutes. Remove contact lenses. Get medical attention.  
Skin Contact : Wash off immediately with plenty of water for at least 10 minutes. Wash off with soap and water. Immediately remove contaminated clothing and any extraneous chemical without delay.  
Ingestion : Wash out mouth with water. If victim has swallowed material and is still conscious give small amounts of water to drink. Stop if person feels sick. Do not induce vomiting unless directed to do so by medical personnel.. Seek immediate medical attention.  
4.2 Most important symptoms and effects, both acute and delayed.  
Potential acute health effects

Eye contact	Causes serious eye irritation
Inhalation	No known significant effects or critical hazards
Skin contact	Causes skin irritation. May cause an allergic skin reaction
Ingestion	Irritating to mouth, throat and stomach.

Over exposure signs/symptoms	
Eye contact	Adverse symptoms may include the following: Pain or irritation Watering Redness
Inhalation	No known significant effects or critical hazards
Skin contact	Adverse symptoms may include the following: Irritation Redness
Ingestion	No specific data

- 4.3 Indication of any immediate medical attention and special treatment needed  
No specific treatment

#### SECTION 5. Fire-fighting measures

- 5.1 Extinguishing media  
Suitable extinguishing media Use an extinguishing agent suitable for the surrounding fire.  
Unsuitable extinguishing media None known
- 5.2 Special hazards arising from the substance  
Hazards from the substance or mixture Incomplete combustion may form carbon dioxide ,carbon monoxide and halogenated compounds.
- 5.3 Advice for fire-fighters  
Special protective actions for fire fighters Promptly isolate the scene by removing all persons from the vicinity of the fire.  
Special protective equipment for fire fighters Fire fighters should wear appropriate protective equipment.

#### SECTION 6. Accidental release measures

- 6.1 Personal precautions, protective equipment and emergency procedures  
Wear suitable protective clothing, gloves and eye/face protection. Use self contained breathing apparatus and chemically protective clothing.
- 6.2 Environmental precautions  
Prevent contamination of soil and water.  
Prevent from spreading or entering into drains, ditches or rivers by using sand, earth or other appropriate barriers.
- 6.3 Methods and material for containment and cleaning up for small spillage  
Transfer to a labelled, sealable container for product recovery or safe disposal. Treat residues as

#### SECTION 7. Handling and storage

- 7.1 Precautions for safe handling  
Protective measures Wear appropriate personal protective equipment. Avoid contact with eyes, skin or clothing. Do not ingest. Keep containers closed when not in use.  
Advice on general occupational hygiene Do not eat, drink or smoke when handling this product. Wash hands after handling.
- 7.2 Conditions for safe storage, including any incompatibilities  
Keep containers tightly closed in a dry, cool and well ventilated areas  
Do not store in unlabelled containers.

#### SECTION 8. Exposure controls/personal protection

- 8.1 Control parameters  
Occupational exposure limits No exposure limit value known
- 8.2 Exposure controls  
Provide readily accessible eye wash stations and safety showers. Provide natural or explosion proof ventilation adequate to ensure concentrations are kept below explosion limits.
- Personal protective equipment  
Hand protection Chemically resistant, impervious gloves should be worn at all times when handling.  
Butyl rubber, Nitrile rubber, neoprene gloves, impervious gloves, latex or vinyl disposable gloves.
- Eye/face protection Protective eye glasses or goggles must be worn.
- Skin and body protection Standard issue work clothes. Long sleeve shirts, trousers or overalls must be worn.
- Environmental exposure controls Construct a dike to prevent spreading.

#### SECTION 9. Physical and chemical properties

- 9.1 Information on basic physical and chemical properties
- |                       |                                   |
|-----------------------|-----------------------------------|
| Physical state/colour | Viscous liquid in various colours |
| Odour                 | Not available                     |
| Relative density      | Not available                     |
| Flash Point           | 150°C                             |
| Viscosity             | Not available                     |
| Ph                    | Not available                     |

#### SECTION 10. Stability and reactivity

- 10.1 Reactivity Stable under normal conditions
- 10.2 Chemical stability This product is stable
- 10.3 Possibility of hazardous reactions No specific data
- 10.4 Conditions to avoid No specific data
- 10.5 Incompatible materials No specific data
- 10.6 Hazardous decomposition products Under normal conditions of storage and use, hazardous decomposition products should not be produced

## SECTION 11. Toxicological information

### 11.1 Information on toxicological effects

#### Acute Toxicity

No data available on the product itself.

#### Components - Oral

Epoxy Resin Bisphenol Type A  
Formaldehyde, polymer with  
(chloromethyl) oxirane and phenol,  
Oxirane, mono{(C12-C14-alkyloxy)  
methyl} derivs.

Not acutely toxic in rat and mouse studies, LD50>2000mg/kg  
Not acutely toxic in rat and mouse studies, LD50>2000mg/kg

LD50 >2.0grams (Female Rat) and LD50 = 26.8 grams (Male Rat)

#### Components - Inhalation

Epoxy Resin Bisphenol Type A  
Formaldehyde, polymer with  
(chloromethyl) oxirane and phenol,  
Oxirane, mono{(C12-C14-alkyloxy)  
methyl} derivs.

Due to the low vapour pressure, meaning ful acute inhalation studies could not be conducted.  
No specific data

No mortalities were observed in rats exposed for 7 hours to the saturated vapour (150mg/m<sup>3</sup>)

#### Components – Dermal

Epoxy Resin Bisphenol Type A  
Formaldehyde, polymer with  
(chloromethyl) oxirane and phenol,  
Oxirane, mono{(C12-C14-alkyloxy)  
methyl} derivs.

No acutely toxic in rat and mouse studies, LD50>2000mg/kg  
No specific data

No specific data

#### Potential acute health effects

##### Eye contact

Causes serious eye irritation.

##### Inhalation

Irritating to mouth, throat and stomach.

##### Ingestion

No known significant effects or critical hazards

#### Over exposure signs/symptoms

##### Eye contact

Adverse symptoms may include the following:

Pain or irritation

Watering

Redness

##### Inhalation

No known significant effects or critical hazards

##### Skin contact

Adverse symptoms may include the following:

Irritation

Redness

##### Ingestion

No specific data

#### Chronic toxicity or effects from long term exposures

##### Carcinogenicity

No known significant effects or critical hazards

##### Reproductive toxicity

No known significant effects or critical hazards

##### Germ cell mutagenicity

No specific data is available.

## SECTION 12. Ecological information

### 12.1 Toxicity

#### Aquatic toxicity

No data is available on the products itself

#### Epoxy Resin Bisphenol Type A

Acute LC50 1.30 mg/l Fish

Formaldehyde, polymer with  
(chloromethyl) oxirane and phenol,  
Oxirane, mono{(C12-C14-alkyloxy)  
methyl} derivs.

Acute LC50 2.54 mg/l Fish

Acute LC50 1.80 mg/l Fish – Rainbow Trout

Acute EC50 844 mg/l Aquatic Plants - Algae

### 12.2 Persistence and degradability

No data available

### 12.3 Bioaccumulative potential

No data available

### 12.4 Mobility in soil

No data is available

## SECTION 13. Disposal considerations

### 13.1 Waste treatment methods

#### Product

Waste to be treated as controlled waste. Dispose to licensed waste disposal site. In accordance with local waste disposal authority.

#### Packaging

Keep container labelled until cleaned and then remove or deface labels. Drain container thoroughly and rinse well with water. Treat rinsings as for product disposal. Empty packaging should be removed by a licensed waste contractor.

## SECTION 14 Transport information

### 14.1 UN Number

### 14.2 UN Proper shipping name

### 14.3 Transport Hazard Class

### 14.4 Packaging Group

#### Land Transport ADR / ADN

##### UN Number

3082

##### UN Proper Shipping Name

ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID  
N.O.S. ( LIQUID EPOXY RESIN, ALIPHATIC GLYCIDYL ETHER)

##### Transport Hazard Class

9

##### Packaging Group

111

**Air Transport ICAO / IATA**

UN Number	3082
UN Proper Shipping Name	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID N.O.S. ( LIQUID EPOXY RESIN, ALIPHATIC GLYCIDYL ETHER)
Transport Shipping Class	9
Packaging Group	111

**Maritime Transport IMO / IMDG**

UN Number	3082
UN Proper Shipping Name	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID N.O.S. ( LIQUID EPOXY RESIN, ALIPHATIC GLYCIDYL ETHER)
Transport Shipping Class	9
Packaging Group	111

14.5 Environmental hazards  
Environmentally hazardous and/or marine pollutant : YES

**SECTION 15. Regulatory information**

15.1 Safety, health and environment regulations/legislation specific for the substance or mixture  
EU Regulation (EC) No. 1907/2006 (REACH) Annex XIV – List of substances to authorisation.  
Substances of very high concern

Carcinogen	:	Not listed
Mutagen	:	Not listed
Toxic to reproduction	:	Not listed
PBT	:	Not listed
VPvB	:	Not listed

**SECTION 16. Other Information**

## Hazard Statements

H315 Causes skin irritation  
H317 May cause an allergic skin reaction  
H319 Causes serious eye irritation  
H411 Toxic to aquatic life with long lasting effects

## Full Text of Classifications (CLP)

Skin Corrosion/Irritation Category 2, H315	Skin Corrosion/irritation – Category 2
Skin Sensitisation Category 1, H317	Skin Sensitisation - Category 1
Eye Damage/Irritation Category 2, H319	Serious Eye Damage/Eye Irritation – Category 2
Aquatic Chronic Category 2, H411	Aquatic Hazard (Long lasting) – Category 2

Date Issued	:	08.03.2021
Reference	:	SCWB/A/08
Product Code	:	Epoxy Products Safety Coating WB (Resin- Pack A)
Intended Use	:	Epoxy resin coating.

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

## EPOXY COATING WB - PACK B

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

- 1.1 Product identifier : Epoxy Products Epoxy Coating WB - Pack B
- 1.2 Relevant identified uses of the substance or mixture and uses advised against  
Use of the substance/mixture : Epoxy Curing Agent
- 1.3 Details of the supplier of the safety data sheet : Epoxy Products Limited, Unit 7 Haviland Road, Ferndown Industrial Estate,  
Wimborne, Dorset. BH21 7RZ England  
Tel No. +44 (0) 1202 891899
- Email Address – Technical Information : [sales@epoxyproducts.co.uk](mailto:sales@epoxyproducts.co.uk)
- Telephone : +44 (0) 1202 891899
- 1.4 Emergency telephone number : +44 (0) 1202 891899

### SECTION 2: Hazards Identification

- 2.1 Classification according to Regulation 1272/2008 (CLP)  
Skin irritation - Category 2 H315 : Causes skin irritation.  
Serious eye damage - Category 1 H318 : Causes serious eye damage.

- 2.2 Label Elements  
Hazard pictograms/symbols



Signal Word: Danger

Hazard Statements:  
H315: Causes skin irritation.  
H318: Causes serious eye damage.

Precautionary Statements:  
P264 : Wash skin thoroughly after handling  
P280 : Wear protective gloves/protective clothing/eye protection/face protection.  
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 CENTRE/doctor.

- 2.3 Other Hazards  
No data available

### SECTION 3. Composition/Information on Ingredients

Substance/Mixture Component	INECS	CAS Number	Concentration %	Classification (CLP)	REACH REG
Tri ethylenetetramine, 2,2'-Iminodi(ethylamine), Butanediol, Methylphenol Phenol, Bisphenol A, Epichlorohydrin Formaldehyde Amine Functional Copolymer	Polymer	1312024-88-6	<50	Skin Irrit 2 ; H315 Skin Irrit 2 ; H315 Eye Dam. 1 ; H318	-

### SECTION 4: First-aid measures

- 4.1 Description of first aid measures
- General advice : Seek medical advice. If breathing has stopped or is laboured, give assisted respirations. Supplemental oxygen maybe indicated. If the heart has stopped trained personnel should begin cardiopulmonary resuscitation immediately.
- Eye Contact : Rinse immediately with plenty of water also under the eyelids for at least 20 minutes. Remove contact lenses.
- Skin Contact : Wash off immediately with plenty of water for at least 20 minutes. Wash off with soap and water. Immediately remove contaminated clothing and any extraneous chemical without delay.
- Ingestion : Never give anything by mouth to an unconscious person. Prevent aspiration of vomit. Turn victims head to one side.
- Inhalation : Remove to fresh air. If rapid recovery does not occur, obtain medical attention.
- 4.2 Most important symptoms and effects, both acute and delayed.  
Symptoms : No data available
- 4.3 Indication of any immediate medical attention and special treatment needed  
No data available

### SECTION 5. Fire-fighting measures

- 5.1 Extinguishing media : Alcohol resistant foam, carbon dioxide, dry chemical, dry sand or limestone powder  
Extinguishing media – Not suitable : No data available
- 5.2 Special hazards arising from the substance : Incomplete combustion may form carbon monoxide. May generate ammonia gas. May generate

- 5.3 Advice for fire-fighters toxic oxide gases. Burning produces noxious and toxic fumes. Downwind personnel must be evacuated  
Avoid contact with skin. Use personal protective equipment. Wear self-contained breathing apparatus for fire fighting if necessary.

#### SECTION 6. Accidental release measures

- 6.1 Personal precautions, protective equipment Wear suitable protective clothing, gloves and eye/face protection. Use self contained breathing  
6.2 Environmental precautions Prevent contamination of soil and water.  
Prevent from spreading or entering into drains, ditches or rivers by using sand, earth or other appropriate barriers.  
6.3 Methods and material for containment and cleaning up for small spillage Transfer to a labelled, sealable container for product recovery or safe disposal. Treat residues as

#### SECTION 7. Handling and storage

- 7.1 Precautions for safe handling Adhere to work practice rules established by government regulations. Avoid contact with eyes. Use personal protective equipment. When using, do not eat, drink or smoke.  
7.2 Conditions for safe storage, including any incompatibilities Do not store near acids. Keep away from alkalis. Keep containers tightly closed in a dry, cool and well ventilated place.

#### SECTION 8. Exposure controls/personal protection

- 8.1 Control parameters If applicable, refer to the extended section of the MSDS (available upon request)  
8.2 Exposure controls Provide readily accessible eye wash stations and safety showers..  
8.2 Personal protective equipment  
Hand protection Chemically resistant, impervious gloves should be worn at all times when handling.  
Butyl rubber, Nitrile rubber, neoprene gloves, impervious gloves, latex or vinyl disposable gloves.  
Eye/face protection Protective eye glasses or goggles must be worn.  
Skin and body protection Standard issue work clothes. Long sleeve shirts, trousers or overalls must be worn.  
Environmental exposure controls Construct a dike to prevent spreading.  
Special instructions for protection and Discard contaminated clothing. Provide accessible eye wash stations and safety showers. Wash hands at the end of each workshift and before eating, drinking, smoking or using the toilet.

#### SECTION 9. Physical and chemical properties

- 9.1 Information on basic physical and chemical properties  
Physical state/colour Liquid. Yellow  
Odour Characteristic  
Relative density 1.06 g/m<sup>3</sup>  
Boiling point >100°C  
Flash Point >100°C  
Autoignition temperature No data available  
Self inflammability Product is not self-igniting  
Viscosity No data is available  
Ph Alkaline  
Water Solubility Soluble

#### SECTION 10. Stability and reactivity

- 10.1 Reactivity No data available  
10.2 Chemical stability Stable under normal conditions  
10.3 Possibility of hazardous reactions Polymerisation will not occur  
10.4 Conditions to avoid Some components of this product will decompose at elevated temperatures  
10.5 Incompatible materials Acids, Halogenated hydrocarbons, Oxidisers  
10.6 Hazardous decomposition products Aromatic compounds, Amines, Hydrocarbons, Phenolics

#### SECTION 11. Toxicological information

- 11.1 Information on toxicological effects  
Acute Oral Toxicity Low toxicity if swallowed. Small amounts swallowed are not likely to cause injury. Large amounts swallowed may cause injury. Single dose LD50 has not been determined.  
Acute Inhalation Toxicity At room temperature, exposure to vapour is minimal due to low volatility; vapour from heated material may cause respiratory irritation. The LC50 has not been determined.  
Acute Dermal Toxicity Prolonged skin contact is unlikely to result in absorption of harmful amounts. The dermal LD50 has not been determined.  
Skin corrosion/irritation Prolonged contact may cause skin irritation with local redness.  
Serious eye damage/ eye irritation Risk of serious damage to eyes.  
Sensitisation May cause sensitisation of susceptible persons by skin contact.  
Specific target organ systemic toxicity (single exposure) This product is not an STOT-SE toxicant  
Specific target organ systemic toxicity (repeated exposure) No data available  
Carcinogenicity No relevant data found  
Reproductive toxicity No relevant data found  
Germ cell mutagenicity No relevant data found  
Aspiration hazard Not likely to be an aspiration hazard

**SECTION 12. Ecological information**

12.1 Toxicity	
Aquatic toxicity	No data is available on the products itself
12.2 Persistence and degradability	No data available on the product itself
12.3 Bioaccumulative potential	No data available on the product itself
12.4 Mobility in soil	No data is available on the product itself
12.5 Results of PBT and vPvB	This product is not considered to be persistent, bioaccumulating and toxic (PBT) This product is not considered to be very persistent, or very bioaccumulating (vPvB)

**SECTION 13. Disposal considerations**

Waste treatment methods	Waste to be treated as controlled waste. Dispose to licensed waste disposal site. In accordance with local waste disposal authority.
Contaminated Packaging	Keep container labelled until cleaned and then remove or deface labels. Drain container thoroughly and rinse well with water. Treat rinsings as for product disposal. Empty packaging should be removed by a licensed waste contractor.

14. Transport Information

Road Transport - ADR	Not dangerous goods
Air Transport - IATA	Not dangerous goods
Maritime Transport - IMDG	Not dangerous goods

**SECTION 15. Regulatory information**

15.1 Safety, health and environment regulations/legislation specific for the substance or mixture	
Country	: EU
Regulatory List	: EINECS
Notification	: Included on EINECS inventory

**SECTION 16. Other Information**

Hazard Statements

H226	Flammable liquid and vapour
H302	Harmful if swallowed
H314	Causes severe skin burns and eye damage
H315	Causes skin irritation
H317	May cause an allergic skin reaction
H318	Causes serious eye damage
H332	Harmful if inhaled
H373	May cause damage to organs through prolonged or repeated exposure
H412	Harmful to aquatic life with long lasting effects

Indication of Method

Skin irritation Category 2; H315	Causes skin irritation.	Calculation method
Eye Damage Category 1; H318	Causes serious eye damage.	Calculation method

Date Issued	:	08.03.2021
Reference	:	SCWB/B/08
Product Code	:	Epoxy Products Safety Coating WB (Hardener - Pack B)
Intended Use	:	Epoxy resin floor coating.

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.