

Material Safety Data Sheet

MSDS B2204 EPOXY RESIN

Revised 03.08.10



1: IDENTIFICATION OF THE SUBSTANCE/ PREPARATION AND COMPANY / UNDERTAKING

PRODUCT NAME: Bondloc B2204
MANUFACTURER: Bondloc UK Limited,
Bewdley,
Worcestershire
DY12 2TZ
Emergency Info: +44 (0)1299 269 269

2: COMPOSITION / INFORMATION ON INGREDIENTS

Substance	% by weight	CAS
BPF Epoxy Resin	50-100	55492-52-9
BPA Epoxy Resin	25-50	25068-38-6

3: HAZARDS IDENTIFICATION

May prove slightly irritating to skin.

Signs and symptoms of exposure (Acute effects) Skin and eye irritant.

Signs and symptoms of exposure (Possible long term effects) May cause irritation of respiratory tract. Skin and eye irritant.

The normal precautions for the handling of chemicals must be observed.

4: FIRST-AID MEASURES

Inhalation: Irritating to respiratory system. Inhalation may cause coughing, tightness of the chest and irritation of the respiratory system. Move the exposed person to fresh air. Seek medical attention.

Skin contact: Irritating to skin. Wash off immediately with plenty of soap and water. Remove contaminated clothing. Seek medical attention if irritation or symptoms persist.

Eye contact: Irritating to eyes. Rinse immediately with plenty of water for 15 minutes holding the eyelids open. Seek medical attention if irritation or symptoms persist.

Ingestion: Ingestion may cause nausea and vomiting. Seek medical attention if irritation or symptoms persist. DO NOT INDUCE VOMITING.

5: FIRE-FIGHTING MEASURES

Suitable Extinguishing Media : Water mist, CO2, Foam, Dry Powders

Fire-Fighting Recommendations :

Unsuitable Media "Do Not Use" :

Special Exposure Hazards : On combustion may produce oxides of Carbon, Sulphur and Hydrogen Sulphide.

Protective Equipment for : Use self contained breathing apparatus.

6: ACCIDENTAL RELEASE MEASURES

- Personal Protection :** Shut off source of release (If safe). Wipe off quickly with tissue or cloth.
For large amounts wear self contained breathing apparatus and full protective clothing.
- Environmental Precautions :** Do not allow entry into sewers or natural environments.
- Methods of Cleaning Up :** Evacuate area. Absorb with sand, earth, sawdust etc.
- Disposal Considerations :** See section 13

7: HANDLING AND STORAGE

- Handling Precautions :** Ensure good ventilation. Wash hands after contact.
- Storage Precautions :** Store under ambient conditions away from strong oxidising agents, epoxy resins and amine mixture.

8: EXPOSURE CONTROLS/PERSONAL PROTECTION

- Ventilation :** Good ventilation is required.
- Respiratory Protection :** Not normally required during normal use.
- Eye Protection :** Safety glasses or goggles are recommended.
- Hand Protection :** Impervious gloves are recommended.
- Skin Protection :** Overalls are recommended when large quantities of product are involved.

9: STABILITY AND REACTIVITY

- Conditions to Avoid :** Stable under normal working conditions.
- Materials to Avoid :** Strong oxidising agents, epoxy resins and amine mixtures, especially when hot.
Contact with large masses of epoxy resin generates large quantities of heat due to exothermic reaction.
- Hazardous Decomposition Products :** Combustion may produce oxides of Carbon, Sulphur and Hydrogen Sulphide.
- Hazardous Polymerization :** None

10: DISPOSAL CONSIDERATIONS

In accordance with local authority regulations.

11: TRANSPORT INFORMATION

- UN Number :
- IMO Class :
- ADR/RID Class :
- IATA Class :
- Tremcard : Not classed as dangerous goods within the meaning of national and international transport regulations.

12. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Black/White Paste
Odour	Typical mercaptan odour
Viscosity	Not known
Boiling Point	> 200°C
Flash Point	>100°C
Solubility in Water	Insoluble

13. TOXICOLOGICAL INFORMATION

- Effect of Eye Contact : Mild eye irritant.
- Effect of Skin Contact : LD50 (rabbit) = > 10,200 mg/kg mild skin irritant.
- Effect of Inhalation : None determined
- Effect of Ingestion : LD50 (rat) = 2600 mg/kg

14. ECOLOGICAL INFORMATION

Mobility :

Persistence and Degradability :

Bioaccumulative Potential :

Aquatic Toxicity :

Ecotoxicity :

Other Information : Water hazard class one. Slightly hazardous for water. Prevent entering sewer systems or soils.

15. REGULATORY INFORMATION

CPL Labelling : Symbol : Irritant (Xi)

Hazard :

Contains :

Risk Phrases : R36/38, R43

Safety Phrases : S24, S25, S26/28/37/39.

Other Suggested Phrases

16: OTHER INFORMATION

Risk phrases referred to in section 2:-

The information contained in this Safety Data Sheet does not constitute the user's own assessment of the workplace risks as required by other health & safety legislation.

The provisions of the Health & Safety at work etc. Act and the Control of Substances Hazardous to Health Regulations apply to the use of this product at work.

PRECAUTIONS: This product and the auxiliary materials normally combined with it are capable of producing adverse health effects ranging from minor skin irritation to serious systemic effects. None of these materials should be used, stored, or transported until the handling precautions and recommendations as stated in the Material Safety Data Sheets (MSDS) for this and all other products being used are understood by all persons who will work with the product.

Warranty: All products purchased from or supplied by Bondloc are subject to terms and conditions set out in the contract. Bondloc warrants only that its product will meet those specifications designated as such herein or in other publications. All other information supplied by Bondloc is considered accurate but is furnished upon the express condition that the customer shall make its own assessment to determine the product's suitability for a particular purpose. Bondloc makes no other warranty, either express or implied, including those regarding such other information, the data upon which the same is based, or the results to be obtained from the use thereof; that any product shall be merchantable or fit for any particular purpose; or that the use of such other information or product will not infringe any patent.