

Material Safety Data Sheet

Bondloc B2002 - ALUMINIUM EPOXY STICK

Revised 03.08.10



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

PRODUCT NAME: Bondloc B2002
MANUFACTURER: Bondloc UK Limited,
Bewdley,
Worcestershire
DY12 2TZ
Emergency Info: +44 (0)1299 269 269

2: COMPOSITION / INFORMATION ON INGREDIENTS

Hazardous components	Conc	CAS number	Einecs	'R' Phrases
Bisphenol A-(epichlorhydrin) (reaction product)	10-20%	25068 - 38 - 6	500 - 033 - 5	Xi, N, R36/38 - 43-51/53
2,4,6-Tris (dimethylaminomethyl) phenol	1- 10%	90-72-2	202-013-9	Xn, R22 Xi, R36 Xi, R38

3: HAZARDS IDENTIFICATION

Most important hazards

Irritating to eyes and skin. May cause sensitization by skin contact. Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

4: FIRST-AID MEASURES

First Aid for Inhalation:

Irritating to respiratory system. Inhalation of vapours is irritating to the respiratory system, may cause throat pain and a cough. Move to fresh air. Consult a doctor after significant exposure.

First Aid for Skin Contact:

Irritating to skin. Wash off immediately with soap and plenty of water while removing all contaminated clothes and shoes. In the case of skin irritation or allergic reactions see a doctor.

First Aid for Eye Contact:

Irritating to eyes. Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. If eye irritation persists, consult a doctor.

First Aid for Ingestion:

Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhoea. Consult a doctor if necessary. Do not induce vomiting.

5: FIRE-FIGHTING MEASURES

Suitable extinguishing media - Carbon dioxide (CO₂).

Specific hazards - Burning produces obnoxious and toxic fumes.

Special protective equipment for fire-fighters - Wear self contained breathing apparatus for fire fighting if necessary.

6: ACCIDENTAL RELEASE MEASURES

- Personal precautions** Avoid dust formation. Ensure adequate ventilation. Use personal protective equipment.
- Environmental precautions** Do not let product enter drains. Prevent further leakage or spillage.
- Methods for cleaning up** Sweep up and shovel into suitable containers for disposal. After cleaning, flush away traces with water.

7: HANDLING AND STORAGE

- Handling** Avoid contact with skin and eyes. Ensure adequate ventilation or exhaust ventilation in the working area. Handle in accordance with good industrial hygiene and safety practice.
- Storage** Keep containers tightly closed in a dry, cool and well-ventilated place. Keep in properly labelled containers.

8: EXPOSURE CONTROLS/PERSONAL PROTECTION

- Engineering measures** Ensure adequate ventilation, especially in confined areas.
- Respiratory protection** In case of insufficient ventilation wear suitable respiratory equipment.
- Hand protection** PVC or other plastic material gloves.
- Eye protection** Goggles.
- Skin and body protection** Wear chemical protective clothing.

9: PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Solid
Colour	Various
Odour	Slightly
Flash point	200°C
Solubility in water	Insoluble

10: STABILITY AND REACTIVITY

Stability - Stable under normal conditions.

11: TOXICOLOGICAL INFORMATION

Acute toxicity LD50/dermal/rabbit = 20ml/kg . LD50/oral/mouse = 15600mg/kg. LD50/oral/rat = 11400mg/kg.
LD50/oral/rat = 1200 mg/kg. LD50/dermal/rat = 1280mg/kg.

12: ECOLOGICAL INFORMATION

Ecotoxicity effects - No data is available on the product itself.

13: DISPOSAL CONSIDERATIONS

General Information - Dispose of in accordance with local regulations..

14: TRANSPORT INFORMATION

Further Information - Not classified as dangerous in the meaning of transport regulations.

15: REGULATORY INFORMATION

Symbol - Xi - Irritant

R-Phrases -	R36/38	Irritating to eyes and skin
	R43	May cause sensitisation by skin contact
	R52/53	Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
S-Phrases -	S24	Avoid contact with skin
	S37	Wear suitable gloves

16: OTHER INFORMATION

Text of R phrases mentioned in Section 2

R22	Harmful if swallowed.
R36	Irritating to eyes.
R36/38	Irritating to eyes and skin.
R38	Irritating to skin.
R43	May cause sensitization by skin contact.
R51/53	Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

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 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.