

SAFETY DATA SHEET B2003

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

1.1. Product identifier

Product name B2003

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

Identified uses Two part epoxy rod

1.3. Details of the supplier of the safety data sheet

Supplier BONDLOC UK LTD
UNIT 2 BEWDLEY BUSINESS PARK
LONG BANK
BEWDLEY
WORCESTERSHIRE
DY12 2TZ
01299 269269
01299 269210
sales@bondloc.co.uk

1.4. Emergency telephone number

+44 (0)1299 269269 Monday - Friday 09:00-17:00 hrs

National Emergency Telephone Number

+44 (0)1299 269269 Mon-Fri 09:00-17:00hrs

SECTION 2: HAZARDS IDENTIFICATION

2.1. Classification of the substance or mixture

Classification (EC 1272/2008)

Physical and Chemical Hazards	Not classified.
Human health	Skin Sens. 1 - H317
Environment	Aquatic Chronic 3 - H412

Classification (1999/45/EEC) R43, R52/53.

The Full Text for all R-Phrases and Hazard Statements are Displayed in Section 16.

2.2. Label elements

Contains BISPHENOL A-(EPICHLORHYDRIN({REACTIN PRODUCT})

Label In Accordance With (EC) No. 1272/2008



Signal Word Warning

Hazard Statements

H317	May cause an allergic skin reaction.
H412	Harmful to aquatic life with long lasting effects.

Precautionary Statements

P280	Wear protective gloves/protective clothing/eye protection/face protection.
P501	Dispose of contents/container in accordance with local regulations.

Supplementary Precautionary Statements

P272	Contaminated work clothing should not be allowed out of the workplace.
P273	Avoid release to the environment.
P261	Avoid breathing vapour/spray.
P321	Specific treatment (see medical advice on this label).
P302+352	IF ON SKIN: Wash with plenty of soap and water.
P333+313	If skin irritation or rash occurs: Get medical advice/attention.

2.3. Other hazards

None if used properly

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS**3.2. Mixtures**

2,4,6-TRIS(DIMETHYLAMINOMETHYL)PHENOL		1-5%
CAS-No.: 90-72-2	EC No.: 202-013-9	
Classification (EC 1272/2008) Acute Tox. 4 - H302 Skin Irrit. 2 - H315 Eye Irrit. 2 - H319	Classification (67/548/EEC) Xn;R22 Xi;R36/38	
BISPHENOL A-(EPICHLORHYDRIN({REACTIN PRODUCT})		1-5%
CAS-No.: 25068-38-6	EC No.: 500-033-5	
Classification (EC 1272/2008) Skin Irrit. 2 - H315 Eye Irrit. 2 - H319 Skin Sens. 1 - H317 Aquatic Chronic 2 - H411	Classification (67/548/EEC) Xi;R36/38. N;R51/53. R43.	
ZINC SULFIDE		1-5%
CAS-No.: 1314-98-3	EC No.: 215-251-3	
Classification (EC 1272/2008) Aquatic Acute 1 - H400 Aquatic Chronic 1 - H410	Classification (67/548/EEC) N;R50/53.	

The Full Text for all R-Phrases and Hazard Statements are Displayed in Section 16.

SECTION 4: FIRST AID MEASURES**4.1. Description of first aid measures****General information**

Take off contaminated clothing and shoes immediately Wash contaminated clothing before re-use. Show this safety data sheet to medical personnel

Inhalation

Move to fresh air in case of accidental inhalation of fumes from overheating or combustion Inhalation of vapours is irritating to the respiratory system, may cause throat pain and cough

Ingestion

Rinse mouth with water Drink plenty of water. Do not induce vomiting. If a person vomits when lying on his back, place him in the recovery position Never give anything by mouth to an unconscious person

Skin contact

Wash the skin immediately with soap and water. Remove contaminated clothing.

Eye contact

Immediately rinse with water. After initial flushing, remove any contact lenses and continue flushing for at least 15 minutes. Keep eyes wide open while rinsing Get medical attention if any discomfort continues.

4.2. Most important symptoms and effects, both acute and delayed**Inhalation.**

Irritating to the respiratory system, may cause throat pain and cough

Ingestion

May cause gastrointestinal irritation, nausea, vomiting and diarrhoea.

Skin contact

Causes burns May cause sensitization by skin contact

Eye contact

Causes Irritation to eyes

4.3. Indication of any immediate medical attention and special treatment needed

See section: Description of first aid measures

SECTION 5: FIREFIGHTING MEASURES**5.1. Extinguishing media****Extinguishing media**

This product is not flammable. Use fire-extinguishing media appropriate for surrounding materials.

5.2. Special hazards arising from the substance or mixture**Hazardous combustion products**

Thermal decomposition can lead to release of irritating gases and vapors

Unusual Fire & Explosion Hazards

Do not breathe fumes

Specific hazards

Burning produces obnoxious and toxic fumes

5.3. Advice for firefighters**Special Fire Fighting Procedures**

Avoid breathing fire vapours.

Protective equipment for fire-fighters

Wear self-contained respiratory protective device

SECTION 6: ACCIDENTAL RELEASE MEASURES**6.1. Personal precautions, protective equipment and emergency procedures**

Provide adequate ventilation. Wear protective equipment Avoid contact with skin and eyes.

6.2. Environmental precautions

Should not be released into the environment Do not discharge onto the ground or into water courses. Prevent entry into drains. Avoid subsoil penetration Local authorities should be advised if significant spillages cannot be contained.

6.3. Methods and material for containment and cleaning up

Sweep up and shovel into suitable containers for disposal. Wash spillage site with large amounts of water

6.4. Reference to other sections

For personal protection, see section 8. See section 7 for information on safe handling.

SECTION 7: HANDLING AND STORAGE**7.1. Precautions for safe handling**

Provide good ventilation.

7.2. Conditions for safe storage, including any incompatibilities

Store in tightly closed original container in a dry, cool and well-ventilated place. Keep at temperatures between 5°C and 35°C

7.3. Specific end use(s)

The identified uses for this product are detailed in Section 1.2.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION**8.1. Control parameters****8.2. Exposure controls****Engineering measures**

Provide adequate ventilation. Provide appropriate exhaust ventilation at places where dust is formed.

Respiratory equipment

No specific recommendations. In order to avoid inhalation of spray-mist and sanding dust, all spraying and sanding must be done wearing adequate respirator

Hand protection

PVC gloves are recommended.

Eye protection

Wear approved safety goggles.

Personal protection

Wear protective clothing

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES**9.1. Information on basic physical and chemical properties**

Appearance	Semi solid putty
Colour	Pale blue outer layer encasing white core Cures White / off-white.
Odour	Sulphur.
Solubility	Insoluble in water
Initial boiling point and boiling range	Not available.
Melting point (°C)	Not available.
Vapour density (air=1)	Not applicable.
Vapour pressure	Not applicable.
Evaporation rate	Not applicable.
pH-Value, Conc. Solution	Not applicable.
Viscosity	Not applicable.
Decomposition temperature (°C)	>150
Odour Threshold, Lower	Not available.
Odour Threshold, Upper	Not available.
Flash point	Not applicable.
Auto Ignition Temperature (°C)	Not available.
Flammability Limit - Lower(%)	Not applicable.
Flammability Limit - Upper(%)	Not applicable.
Partition Coefficient (N-Octanol/Water)	Not available.
Explosive properties	Not available.
Oxidising properties	Not available.

9.2. Other information

No data available / Not applicable

SECTION 10: STABILITY AND REACTIVITY**10.1. Reactivity**

Stable at normal conditions

10.2. Chemical stability

Stable under the prescribed storage conditions.

10.3. Possibility of hazardous reactions**Hazardous Polymerisation**

Will not polymerise.

Polymerisation Description

Will not occur

10.4. Conditions to avoid

Temperatures above 35°C

10.5. Incompatible materials**Materials To Avoid**

Oxidising agents Acids and bases Amines.

10.6. Hazardous decomposition products

Nitrous gases (NO_x). Combustion produces oxides of carbon (CO_x) including highly poisonous carbon monoxide. Sulphur oxides

SECTION 11: TOXICOLOGICAL INFORMATION

11.1. Information on toxicological effects**Toxicological information**

See section 3

SECTION 12: ECOLOGICAL INFORMATION

Ecotoxicity

Do not empty into drains / surface water / ground water

12.1. Toxicity

Do not empty into drains / surface water / ground water

12.2. Persistence and degradability

The product is not biodegradable

12.3. Bioaccumulative potential**Bioaccumulative potential**

Taking into consideration the properties of several components, the product is estimated not to be readily biodegradable according to OECD classification

Partition coefficient

Not available.

12.4. Mobility in soil**Mobility:**

Water contaminating

12.5. Results of PBT and vPvB assessment

No data available

12.6. Other adverse effects

Not available.

SECTION 13: DISPOSAL CONSIDERATIONS

13.1. Waste treatment methods

Classified as hazardous waste according to (national equivalent of EC-Dir. 91/689; disposal of toxic and hazardous waste). It must undergo special treatment, e.g. at suitable disposal site, to comply with local regulations. Use a registered waste disposal company and supply accurate information about the nature of the hazard. Waste disposal number - 08 04 09* Waste adhesives and sealants containing organic solvents or other dangerous substances.

Waste Class

08 04 09 waste adhesives and sealants containing organic solvents and other dangerous substances

SECTION 14: TRANSPORT INFORMATION

General

Not hazardous according to RID, ADR, ADNR, IMDG. IATA-DGR

14.1. UN number

Not applicable.

14.2. UN proper shipping name

Not applicable.

14.3. Transport hazard class(es)

Not applicable.

14.4. Packing group

Not applicable.

14.5. Environmental hazards

Environmentally Hazardous Substance/Marine Pollutant

**14.6. Special precautions for user**

Not applicable.

14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code

Not applicable.

SECTION 15: REGULATORY INFORMATION

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture**EU Legislation**

Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC, including amendments. Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006 with amendments.

15.2. Chemical Safety Assessment

No chemical safety assessment has been carried out.

SECTION 16: OTHER INFORMATION

Risk Phrases In Full

R22	Harmful if swallowed.
R52/53	Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
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.
R50/53	Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

Hazard Statements In Full

H319	Causes serious eye irritation.
H315	Causes skin irritation.
H302	Harmful if swallowed.
H412	Harmful to aquatic life with long lasting effects.
H317	May cause an allergic skin reaction.
H411	Toxic to aquatic life with long lasting effects.
H410	Very toxic to aquatic life with long lasting effects.
H400	Very toxic to aquatic life.

Disclaimer

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