

MATERIAL SAFETY DATA SHEET**ARALDITE RAPID RESIN**

Revision Date: 00/09/2007

1. IDENTIFICATION OF THE SUBSTANCE / PREPARATION AND THE COMPANY / UNDERTAKING**1.1. PRODUCTS IDENTIFICATION:** Araldite Rapid Resin**1.2. USE OF SUBSTANCE:** Information not supplied.**1.3. COMPANY:** Bostik Ltd
Common Road
Stafford
Staffordshire
ST16 3EH
Telephone Number: 01785 272700
e-mail: sds.uk@bostik.com**1.4. EMERGENCY TELEPHONE:** 01785 272650 (24 hour)**2. HAZARDS IDENTIFICATION**

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

CLASSIFICATION Xi;R36/38. R43. N;R51/53.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Name	EC No	CAS No	Content	Classification
BISPHENOL A -EPICHLOROHYDRIN EPOXY RESIN (NUMBER AV MW<700)	500-033-5	25068-38-6	60-100%	Xi;R36/38. N;R51/53. R43.
BUTANEDIOLDIGLYCIDYL ETHER	219-371-7	2425-79-8	5-10%	Xn;R20/21 R43 Xi;R36/38

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

4. FIRST-AID MEASURES**Inhalation:**

Remove victim immediately from source of exposure. Move the exposed person to fresh air at once. Get medical attention.

Eye Contact:

Rinse the eye with water immediately. Continue to rinse for at least 15 minutes and get medical attention.

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Skin Contact:

Promptly flush contaminated skin with water. Promptly remove clothing if soaked through and flush the skin with water. Get medical attention if irritation persists after washing.

Ingestion:

DO NOT induce vomiting. Get medical attention immediately.

5. FIRE-FIGHTING MEASURES**Extinguishing Media:**

Use fire-extinguishing media appropriate for surrounding materials.

Special Fire Fighting Procedures:

Keep run-off water out of sewers and water sources. Dike for water control. If risk of water pollution occurs, notify appropriate authorities

Specific Hazards:

Fire or high temperatures create: Toxic gases/vapours/fumes of Carbon dioxide (CO₂). Carbon monoxide (CO).

6. ACCIDENTAL RELEASE MEASURES**Personal Precautions:**

Avoid skin and eye contact. Ensure adequate ventilation.

Environmental Precautions:

Prevent entry into drains and water courses.

Spill Clean Up Methods:

Absorb in vermiculite, dry sand or earth and place into containers.

7. HANDLING AND STORAGE**Usage Precautions:**

Avoid spilling, skin and eye contact. Persons susceptible for allergic reactions should not handle this product. Ventilate well, avoid breathing vapours. Use approved respirator if air contamination is above accepted level.

Storage Precautions:

Store in tightly closed original container in a dry, cool and well-ventilated place. Keep in original container.

Storage Class:

Chemical storage.

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8. EXPOSURE CONTROLS/PERSONAL PROTECTION**INGREDIENT COMMENTS:**

WEL = Workplace Exposure Limits

PROTECTIVE EQUIPMENT:**Engineering Measures:**

Provide adequate general and local exhaust ventilation.

Respiratory Equipment:

No specific recommendation made, but respiratory protection must be used if the general level exceeds the Recommended Workplace Exposure Limit.

Hand Protection:

Protective gloves should be used if there is a risk of direct contact or splash. Use protective gloves made of: Nitrile.

Eye Protection:

Wear splash-proof eye goggles to prevent any possibility of eye contact.

Other Protection:

Wear appropriate clothing to prevent any possibility of liquid contact and repeated or prolonged vapour contact. Provide eyewash station.

Hygiene Measures:

DO NOT SMOKE IN WORK AREA! Wash at the end of each work shift and before eating, smoking and using the toilet. Wash promptly if skin becomes wet or contaminated. Promptly remove any clothing that becomes contaminated. When using do not eat, drink or smoke.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Liquid
Colour:	Colourless to Pale Yellow
Odour:	Slight Odour
Boiling Point (°C):	>200
Flash Point (°C):	>200
Relative Density:	1.17 @ 25°C

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10. STABILITY AND REACTIVITY**Stability:**

Stable under normal temperature conditions.

Conditions to Avoid:

Avoid contact with strong oxidisers. Avoid contact with acids and alkalis.

Hazardous Decomposition Products:Fire or high temperatures create: Carbon monoxide (CO). Carbon dioxide (CO₂).**11. TOXICOLOGICAL INFORMATION****Inhalation:**

Vapour may irritate respiratory system or lungs.

Skin Contact:

Liquid may irritate skin. May cause sensitisation by skin contact.

Eye Contact:

Irritating to eyes.

Ingestion:

May cause discomfort if swallowed.

Medical Considerations:

Skin disorders and allergies.

12. ECOLOGICAL INFORMATION**Ecotoxicity:**

Dangerous for the environment: May cause long-term adverse effects in the aquatic environment.

13. DISPOSAL CONSIDERATIONS**General Information:**

This material is classified as special waste as defined by Special Waste Regulations 1996 and must be disposed of by an authorised contractor.

Disposal Methods:

Dispose of waste and residues in accordance with local authority requirements.

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14. TRANSPORT INFORMATION



UK ROAD CLASS	9		
PROPER SHIPPING NAME	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (BISPHENOL A -EPICHLOROHYDRIN EPOXY RESIN (NUMBER AV MW<700))		
UN NO. ROAD	3082	UK ROAD PACK GR.	III
ADR CLASS NO.	9	ADR CLASS	Class 9: Miscellaneous dangerous substances and articles.
ADR PACK GROUP	III	HAZARD No.	(ADR) 90
ADR LABEL NO.	9	HAZCHEM CODE	3Z
CEFIC TEC(R) NO.	90GM6-III	RID CLASS NO.	9
RID PACK GROUP	III	UN NO. SEA	3082
IMDG CLASS	9	IMDG PAGE NO.	9
IMDG PACK GR.	III	EMS	F-A, S-F
MARINE POLLUTANT	No.	UN NO. AIR	3082
AIR CLASS	9	AIR PACK GR.	III

15. REGULATORY INFORMATION

Labelling:



Irritant



Dangerous for the environment

Risk Phrases:

R36/38	Irritating to eyes, respiratory system 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

S2	Keep out of the reach of children
S26	In case of contact with eyes, rinse immediately with plenty of water and seek medical advise.

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S29/56	Do not empty into drains, dispose of this material and its container at hazardous or special waste collection point.
S36/37/39	Wear suitable protective clothing, gloves and eye/face protection.
S46	If swallowed, seek medical advice immediately and show this container or label.
S57	Use appropriate containment to avoid environmental contamination.
S60	This material and its container must be disposed of as hazardous waste.
S61	Avoid release to the environment. Refer to special instructions/safety data sheets.
P5	Contains epoxy constituents. See information supplied by the manufacturer.

Statutory Instruments:

Chemicals (Hazard Information and Packaging) Regulations. Control of Substances Hazardous to Health.

Approved Code of Practice:

Safety Data Sheets for Substances and Preparations. Classification and Labelling of Substances and Preparations Dangerous for Supply.

Guidance Notes:

Workplace Exposure Limits EH40. CHIP for everyone HSG(108).

16. OTHER INFORMATION**GENERAL INFORMATION:**

This product should be used as directed by Bostik Ltd. For further information consult the product data sheet or contact Technical Services.

INFORMATION SOURCES:

This safety data sheet was compiled using current safety information supplied by distributor of raw materials.

REVISION COMMENTS:

This safety data sheet supersedes all previous issues and users are cautioned to ensure that it is current. Destroy all previous data sheets and if in doubt contact Bostik Limited.

ISSUED BY:**Approved EC:****REVISION DATE:** September 2007**REV. NO./REPL. SDS GENERATED:** 5**DATE:** Dec 2005

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