



SAFETY DATA SHEET

ARALDITE SUPER CERAMIC HARDENER

1 IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND THE COMPANY

PRODUCT NAME: ARALDITE SUPER CERAMIC HARDENER

PART No.: 80813

SUPPLIER: Bostik (UK) Limited,
Ulverscroft Road,
Leicester. LE4 6BW

TEL: 0116-2510015

FAX: 0116-2531943

2 COMPOSITION/INFORMATION ON INGREDIENTS

INGREDIENT NAME	CAS No.	CONTENTS	HEALTH (class)	RISK (R No.)
N(3-dimethylaminopropyl)-1,3-propylenediamine	10563-29-8	4-10 %	C	21/22, 34, 43

3 HAZARDS IDENTIFICATION

Irritating to eyes and skin.
May cause sensitisation by skin contact.

4 FIRST AID MEASURES

INHALATION: Fresh air. Get medical attention if any discomfort continues.

INGESTION: Promptly get affected personnel to drink large volumes of water to dilute the swallowed chemical. DO NOT INDUCE VOMITING! Place unconscious person on the side in the recovery position and ensure breathing can take place. Get medical attention.

SKIN: Wash skin thoroughly with soap and water. Contact physician if irritation continues or sores develop.

EYES: Rinse the eye with water immediately. Continue to rinse for at least 15 minutes. Get medical attention if any discomfort continues.

5 FIRE FIGHTING MEASURES

EXTINGUISHING MEDIA: Water spray. Powder, foam or CO₂.

SPECIAL FIRE FIGHTING PROCEDURES: Use pressurized air mask if substance is involved in a fire.

HAZARDOUS DECOMPOSITION PRODUCTS: Fire creates: Toxic gases/vapors/fumes. Oxides of: Carbon.



SAFETY DATA SHEET

ARALDITE SUPER CERAMIC RESIN

1 IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND THE COMPANY

PRODUCT NAME: ARALDITE SUPER CERAMIC RESIN

PART No.: 80813

SUPPLIER: Bostik (UK) Limited,
Ulverscroft Road,
Leicester. LE4 6BW

TEL: 0116-2510015

FAX: 0116-2531943

2 COMPOSITION/INFORMATION ON INGREDIENTS

INGREDIENT NAME	CAS No.	CONTENTS	HEALTH (class)	RISK (R No.)
EPOXY RESIN (Number average MW <= 700)	25068-38-6	80-92 %	Xi	36/38, 43
butanedioldiglycidyl ether	2425-79-8	4-10 %	Xn	20/21, 36/38, 43, 52/53

3 HAZARDS IDENTIFICATION

Irritating to eyes and skin.
May cause sensitisation by skin contact.

4 FIRST AID MEASURES

INHALATION: Fresh air. Get medical attention if any discomfort continues.

INGESTION: Promptly get affected personnel to drink large volumes of water to dilute the swallowed chemical. DO NOT INDUCE VOMITING! Place unconscious person on the side in the recovery position and ensure breathing can take place. Get medical attention.

SKIN: Wash skin thoroughly with soap and water. Contact physician if irritation continues or sores develop.

EYES: Rinse the eye with water immediately. Continue to rinse for at least 15 minutes. Get medical attention if any discomfort continues.

5 FIRE FIGHTING MEASURES

EXTINGUISHING MEDIA: Water spray. Powder, foam or CO₂.

SPECIAL FIRE FIGHTING PROCEDURES: Use pressurized air mask if substance is involved in a fire.

HAZARDOUS DECOMPOSITION PRODUCTS: Fire creates: Toxic gases/vapors/fumes. Oxides of: Carbon.

ARALDITE SUPER CERAMIC RESIN

6 ACCIDENTAL RELEASE MEASURES

SPILL CLEANUP METHODS:	Collect with absorbent, non-combustible material into suitable containers. Avoid contact with skin or inhalation of spillage, dust or vapour. Containers with collected spillage must be properly labelled with correct contents and hazard symbol.
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7 HANDLING AND STORAGE

USAGE PRECAUTIONS:	Avoid spilling, skin and eye contact. Provide good ventilation.
STORAGE PRECAUTIONS:	Keep in original container. Keep separate from food, feedstuffs, fertilizers and other sensitive material.

8 EXPOSURE CONTROLS AND PERSONAL PROTECTION

PROTECTIVE EQUIPMENT:



VENTILATION:	Well ventilated area.
RESPIRATORS:	If ventilation is insufficient, suitable respiratory protection must be provided.
PROTECTIVE GLOVES:	Use suitable protective gloves if risk of skin contact.
EYE PROTECTION:	Use safety goggles and face shield in case of splash risk.
OTHER PROTECTION:	Wear appropriate clothing to prevent reasonably probable skin contact.
HYGIENIC WORK ROUTINES:	No eating or drinking while working with this material.

9 PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE:	Liquid.	COLOUR:	Light yellow.
ODOUR/TASTE:	Slight.	SOLUBILITY DESCRIPTION:	Insoluble in water.
BOILING POINT (°C):	>200 @ 760mmHg	SPECIFIC GRAVITY (Water=1):	~1.14 @ 25 °C
DECOMPOSITION TEMP:	>200	FLASH POINT (°C):	>200
FLASH POINT METHOD:	CC (Closed cup).		

10 STABILITY AND REACTIVITY

STABILITY:	Normally stable.
MATERIALS TO AVOID:	Strong acids. Bases, alkalies (organic). Strong oxidizing agents.
HAZARDOUS DECOMPOSITION PRODUCTS:	Oxides of: Carbon.

11 TOXICOLOGICAL INFORMATION

TOXIC DOSE1- LD50:	>2000mg/kg (oral rat)
SKIN:	Irritating to skin.
EYES:	Irritating to eyes.

12 ECOLOGICAL INFORMATION

ENVIRONMENTAL HAZARDS:	Dangerous for the environment if discharged into watercourses.
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13 DISPOSAL CONSIDERATIONS

DISPOSAL METHODS:	Dispose of in accordance with Local Authority requirements.
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ARALDITE SUPER CERAMIC RESIN

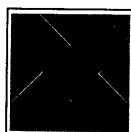
14 TRANSPORT INFORMATION

ROAD:
UN No: 3082
HAZARD CLASS (ADR): Class 9: Miscellaneous dangerous substances and articles.
ADR CLASS No: 9
ADR ITEM No: 11C
HAZARD No. (ADR): 90
CEPIC TEC(R) No: 90UMW -94
PROPER SHIPPING NAME I: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID N.O.S.
PROPER SHIPPING NAME II: BISPHENOL A-EPOXY RESIN

RAIL:
SEA:
AIR:

15 REGULATORY INFORMATION

LABEL FOR SUPPLY:



IRRITANT

RISK PHRASES: R-36/38 Irritating to eyes and skin.
R-43 May cause sensitisation by skin contact.

SAFETY PHRASES: S-2 Keep out of reach of children.
S-28 After contact with skin, wash immediately with plenty of water.
S-37/39 Wear suitable gloves and eye/face protection.

APPROVED CODE OF PRACTICE: Safety Data Sheets for Substances and Preparations L62.
GUIDANCE NOTES: CHIP2 for everyone HSG(126).

16 OTHER INFORMATION

REVISION DATE: 05/99
REVISION No. /REPLACES SDS ISSUED:
1 - /

ARALDITE SUPER CERAMIC HARDENER

6 ACCIDENTAL RELEASE MEASURES

SPILL CLEANUP METHODS: Collect with absorbent, non-combustible material into suitable containers. Avoid contact with skin or inhalation of spillage, dust or vapour. Containers with collected spillage must be properly labelled with correct contents and hazard symbol.

7 HANDLING AND STORAGE

USAGE PRECAUTIONS: Avoid spilling, skin and eye contact. Provide good ventilation.
STORAGE PRECAUTIONS: Keep in original container. Keep separate from food, feedstuffs, fertilizers and other sensitive material.

8 EXPOSURE CONTROLS AND PERSONAL PROTECTION

PROTECTIVE EQUIPMENT:



VENTILATION: Well ventilated area.
RESPIRATORS: If ventilation is insufficient, suitable respiratory protection must be provided.
PROTECTIVE GLOVES: Use suitable protective gloves if risk of skin contact.
EYE PROTECTION: Use safety goggles and face shield in case of splash risk.
OTHER PROTECTION: Wear appropriate clothing to prevent reasonably probable skin contact.
HYGIENIC WORK ROUTINES: No eating or drinking while working with this material.

9 PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE:	Paste or slurry.	COLOUR:	Yellow.
ODOUR/TASTE:	Slight.	SOLUBILITY DESCRIPTION:	Insoluble in water.
FLASH POINT (°C):	>100	FLASH POINT METHOD:	CC (Closed cup).

10 STABILITY AND REACTIVITY

STABILITY: Normally stable.
MATERIALS TO AVOID: Strong acids. Bases, alkalies (organic). Strong oxidizing agents.
HAZARDOUS DECOMPOSITION PRODUCTS: Oxides of: Carbon. Nitrogen. Sulphur.

11 TOXICOLOGICAL INFORMATION

TOXIC DOSE1- LD50: >2000mg/kg (oral rat)
SKIN: Irritating to skin.
EYES: Risk of serious damage to eye.

12 ECOLOGICAL INFORMATION

ENVIRONMENTAL HAZARDS: Dangerous for the environment if discharged into watercourses.

13 DISPOSAL CONSIDERATIONS

DISPOSAL METHODS: Dispose of in accordance with Local Authority requirements.

ARALDITE SUPER CERAMIC HARDENER

14 TRANSPORT INFORMATION

ROAD:

HAZARD CLASS (ADR): Not classified for transportation.

RAIL:

SEA:

AIR:

15 REGULATORY INFORMATION

LABEL FOR SUPPLY:



IRRITANT

RISK PHRASES:

R-36/38

Irritating to eyes and skin.

R-43

May cause sensitisation by skin contact.

SAFETY PHRASES:

S-2

Keep out of reach of children.

S-28

After contact with skin, wash immediately with plenty of water.

S-37/39

Wear suitable gloves and eye/face protection.

APPROVED CODE OF PRACTICE:

Safety Data Sheets for Substances and Preparations L62.

GUIDANCE NOTES:

CHIP2 for everyone HSG(126).

16 OTHER INFORMATION

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