

SAFETY DATA SHEET

ALOCIT 28.15 TROPICAL GREY RAL7004



1 IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND COMPANY

PRODUCT NAME: ALOCIT 28.15 TROPICAL GREY RAL7004
PRODUCT NO: AS29460B
SUPPLIER: A&E SYSTEMS LIMITED, 3 CHARLES WOOD ROAD, DEREHAM, NR19 1SX, UK
Tel: +44 (0)1362 694915 Fax: +44 (0)1362 695350 Email: uk@ae-sys.com

2. COMPOSITION/INFORMATION OF INGREDIENTS

NAME	CAS No.:	EC Nr.:	CLASSIFICATION	CONTENT
EPOXY RESIN (Number average MW <= 700)	25068-38-6	500-033-5	R43 Xi; R36/38 N;R51/53	40-50 %
POLYAMINE/FATTY ACID CONDENSATION POLYMER	120026-50-8	-	XI;R38 R43	<1%
1-METHOXY-2-PROPANOL	107-98-2	203-539-1	R10	<1%
CYLOHEXANONE	108-94-1	203-631-1	R10 Xn; R20	<1%

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

All information relates to unmixed resin - see hardener MSDS for further information on product before use. Mixed and cured product is inert, environmental risk from cured product is negligible - see Section 16.

3. HAZARDS IDENTIFICATION

Irrating 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

4. FIRST AID MEASURES

INHALATION: Move the exposed person to fresh air at once. Perform artificial respiration if breathing has stopped. When breathing is difficult, properly trained personnel may assist affected person by administering 100% oxygen. Keep the affected person warm and at rest. Get prompt medical attention.

INGESTION: DO NOT INDUCE VOMITING! NEVER MAKE AN UNCONSCIOUS PERSON VOMIT OR DRINK FLUIDS! Rinse mouth thoroughly. Drink plenty of water. Get medical attention immediately!

SKIN: Remove affected person from source of contamination. Promptly wash contaminated skin with soap or mild detergent and water. Promptly remove clothing if soaked through and wash as above. Get medical attention if any discomfort continues.

EYES: Promptly wash eyes with plenty of water while lifting the eye lids. Continue to rinse for at least 15 minutes and get medical attention. Get medical attention promptly if symptoms occur after washing.

5. FIRE FIGHTING MEASURES

EXTINGUISHING MEDIA: Water. Foam. Carbon dioxide (CO₂). Dry chemicals, sand, dolomite etc.

SPECIAL FIRE FIGHTING PROCEDURES: Use special protective clothing. Regular protection may not be safe. Avoid breathing fire vapours. If risk of water pollution occurs, notify appropriate authorities.

UNUSUAL FIRE & EXPLOSION HAZARDS: Fire causes formation of toxic gases.

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

6. ACCIDENTAL RELEASE MEASURES

SPILL CLEANUP METHODS: Stop leak if possible without risk. Absorb in vermiculite, dry sand or earth and place into containers. Runoff or release to sewer, waterway or ground is forbidden.

7. HANDLING AND STORAGE

USAGE PRECAUTIONS: Avoid spilling, skin and eye contact.

STORAGE PRECAUTIONS: Keep in cool, dry, ventilated storage and closed containers.

STORAGE CRITERIA: Chemical storage.

8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

Name	Std	LT-PPM	LT-Mg/M3	ST-PPM	ST-Mg/M3
1-METHOXY-2-PROPANOL	WEL	100 ppm(Sk)	375 mg/m3(Sk)	150 ppm(Sk)	560 mg/m3(Sk)
CYCLOHEXANONE	WEL	10 ppm(Sk)		20 ppm(Sk)	

PROTECTIVE EQUIPMENT:



PROCESS CONDITIONS: Provide eyewash station.

VENTILATION: Provide adequate general and local exhaust ventilation.

PROTECTIVE GLOVES: Chemical resistant gloves required for prolonged or repeated contact.

EYE PROTECTION: Wear approved safety goggles.

OTHER PROTECTION: AVOID ALL SKIN AND RESPIRATORY CONTACT! Wear appropriate clothing to prevent any possibility of skin contact.

HYGIENIC WORK PRACTICES: 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. No smoking, eating or drinking while working with this material.

9. PHYSICAL AND CHEMICAL PROPERTIES

ODOUR/TASTE: Characteristic.

10. STABILITY AND REACTIVITY

STABILITY: Normally stable. Avoid: Contact with acids.

HAZARDOUS DECOMPOSITION PRODUCTS: Toxic gases/vapours/fumes of: Carbon dioxide (CO₂). Carbon monoxide (CO).

11. TOXICOLOGICAL INFORMATION

INHALATION: Vapour may irritate respiratory system or lungs.

INGESTION: Liquid irritates mucous membranes and may cause abdominal pain if swallowed.

SKIN: Irritating to skin. May cause sensitisation by skin contact.

EYES: Irritation of eyes and mucous membranes.

12. ECOLOGICAL INFORMATION

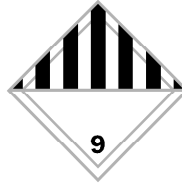
ECOLOGICAL INFORMATION: Dangerous for the environment: May cause long-term adverse effects in the aquatic environment.

13. DISPOSAL CONSIDERATIONS

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

14. TRANSPORT INFORMATION

LABEL FOR CONVEYANCE:



UN No. ROAD:	3082
UK ROAD TRANSPORT CLASS:	9
UK ROAD PACK GR.:	III
ADR CLASS No.:	9
ADR CLASS:	Class 9: Miscellaneous dangerous substances and articles.
ADR PACK GR.	III
ADR LABEL No.:	9
HAZCHEM CODE:	2X
CEPIC TEC(R) No.:	90GM6-III
PROPER SHIPPING NAME I:	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (EPOXY RESIN)
RID CLASS No.:	9
RID PACK GR.	III
UN No. SEA:	3082
IMDG CLASS:	9
IMDG PACK GR.:	III
EmS No.:	None
MFAG TABLE No.:	See Guide
MARINE POLLUTANT:	No.
UN No. AIR:	3082
AIR CLASS:	9
AIR PACK GR:	III

15. REGULATORY INFORMATION

LABELLING:



Harmful



Dangerous for
the environment

CONTAINS

EPOXY RESIN (Number Average Mw \leq 700)

RISK PHRASES:

R-36/38 Irritating to eyes and skin.
R-43 May cause sensitisation by skin contact.
R-51/53 Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

SAFETY S-24/25 Avoid contact with skin and eyes.
PHRASES: S-26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
S-37 Wear suitable gloves.
S-57 Use appropriate containment to avoid environmental contamination.
S-60 This material and its container must be disposed of as hazardous waste.
S-61 Avoid release to the environment. Refer to special instructions/Safety Data Sheets.

UK REGULATORY REFERENCES: Chemicals (Hazard Information & Packaging) Regulations

APPROVED CODE OF PRACTICE: Safety Data Sheets for Substances and Preparations. Classification and Labelling of Substances and Preparations Dangerous for Supply.

16. OTHER INFORMATION

R-PHRASES IN FULL: R10: Flammable, R20: Harmful by inhalation, R-36/38: Irritating to eyes and skin, R-43: May cause sensitisation by skin contact, R-51/53: Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

Uncured Resin: All risk statements refer to unmixed resin product. Users should also check MSDS for hardener before mixing and be aware that, once resin and hardener are mixed and cured, product is inert.

Cured product: Solidified (cured) epoxy products are inert and relatively harmless, traces of residual components may be left on the surface. Abrading or sanding cured coatings will generate dust or particles that should not be inhaled or ingested, wet surfaces where possible before abrading. Provide ventilation, wear a suitable mask, gloves and cover exposed skin to prevent contact with the dust.

Revision Date: 10/2008 Replaces all versions

All information is based on results gained from experience and tests and is believed to be accurate but is given without acceptance of liability for loss or damage attributable to reliance thereon as conditions of use lie outside our control. Users should always carry out sufficient tests to establish the suitability of any products for their intended applications. No statements shall be incorporated in any contract unless expressly agreed in writing nor construed as recommending the use of any product in conflict of any patent. All goods are supplied subject to A&E Systems Ltd General Conditions of sale.

ALL INFORMATION IS GIVEN IN
GOOD FAITH BUT WITHOUT WARRANTY



Alocit Systems products are manufactured and distributed by the A&E Group

AUSTRALIA

A&E Systems PTY Limited, 3/20 Clark Court, Bibra Lake, Perth WA 6163, Australia
Tel: +61 (0)8 94183688 Fax: +61 (0)8 94183588 Email: aus@ae-sys.com

EUROPE

A&E Systems Ltd, 3 Charles Wood Road, Dereham, NR19 1SX, UK
Tel: +44 (0)1362 694915 Fax: +44 (0)1362 695350 Email: uk@ae-sys.com

MALAYSIA

A&E Systems Sdn Bhd, 26 Jalan Pendaftar U1/54, Sekyzen U1,
40150 Shah Alam, Selangor Darul Ehsan, Malaysia
Tel : +60 (0)3-5569 4277 Fax : +60 (0)3-5569 4377 Email: mal@ae-sys.com

USA

A&E Systems Anti-Corrosion Systems LLC, 150 Hilden Road, Ste #301, Ponte Vedra, Florida 32081, USA
Tel: +1 904 819-8985 Fax: +1 904 819-1430 Email: usa@ae-sys.com

www.ae-sys.com