



MSDS dated 23rd April 2007

HEALTH AND SAFETY DATA SHEET

1. IDENTIFICATION OF PRODUCT AND SUPPLIER

Product Name **TM Marine Epoxy Resin Part A**
Supplier Tiflex Limited
Tiflex House
Liskeard, Cornwall
PL14 4NB.
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2. COMPOSITION / INFORMATION ON INGREDIENTS

Ingredient	CAS No.	Approx. %	Hazard Classification and Risk Phrases
Epoxy Resin	25068-38-6	60-100%	Xi. R36/38.N. R51/53. R43.

3. HAZARDS IDENTIFICATION

May cause sensitisation by skin contact. Irritating to eyes and skin. 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 exposed person to fresh air at once. Provide rest, warmth and fresh air. Get medical attention.

Ingestion: DO NOT INDUCE VOMITING! NEVER MAKE AN UNCONSCIOUS PERSONS VOMIT OR DRINK FLUIDS! Rinse mouth thoroughly. Promptly get affected person to drink large volumes of water to dilute the swallowed chemical, only if person is fully conscious. Get medical attention immediately! Provide rest, warmth and fresh air.

Skin Contact: Remove affected person from source of contamination. Rinse the skin with lots of water. Get medical attention promptly if symptoms occur after washing.

Eye Contact: Remove victim immediately from source of exposure. Make sure to remove any contact lenses from the eyes before rinsing. Promptly wash eyes with plenty of water whilst lifting the eye lids. Continue to rinse for at least 15 minutes and get medical attention.

5. FIRE FIGHTING MEASURES

Extinguishing Media: Use fire-extinguishing media appropriate for surrounding materials. Water spray. Foam. Dry Powder. or Carbon Dioxide.

6. SPILLAGE AND ACCIDENTAL RELEASE MEASURES

Spill clean up methods: Stop leak if possible without risk. DO NOT touch spilled material! Wear necessary protective equipment. Absorb in vermiculate, dry sand or earth and place into containers. Wash thoroughly after dealing with a spillage. Run off or release to sewer, waterway or ground is forbidden. Inform Authorities if large amounts are involved.

7. HANDLING AND STORAGE

Usage Precautions: Avoid spilling, skin and eye contact. Provide good ventilation.

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

8. EXPOSURE CONTROLS/PERSONAL PROTECTIVE EQUIPMENT

Engineering measures: No specific ventilation requirements noted, except this product must not be used in a confined space without good ventilation.

Respiratory Protection: No specific recommendation made, but respiratory protection may still be required under exceptional circumstances when excessive air contamination exists.

Hand Protection: Use protective gloves.

Eye Protection: Use approved safety goggles or face shield.

Other protection: Wear appropriate clothing to prevent any possibility of skin contact.

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 CHARACTERISTICS

Appearance:	Liquid.	Viscosity	90 Ps 25
Colour:	Amber.	Relative Density:	1.02
Odour:	Characteristic.	Flash Point (°C):	>150°C
Boiling Point/Range	>200°C		

10. STABILITY AND REACTIVITY

Stability: Stable under normal temperature conditions.

Conditions to avoid: Avoid contact with acids and oxidising substances.

Hazardous Decomposition products: High temperatures generate: Vapours / gases / fumes of: Carbon monoxide (CO) and Carbon Dioxide (CO₂).

11. TOXICOLOGICAL INFORMATION

Inhalation: Harmful by inhalation.

Ingestion: Harmful if swallowed.

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

Eye contact: Irritating to eyes.

12. ECOLOGICAL INFORMATION

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

13. DISPOSAL CONSIDERATIONS

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

14. TRANSPORTATION INFORMATION



UK Road Class:	9		
Proper shipping name:	Environmentally Hazardous Substance, Liquid, N.O.S. (Epoxy Resin)		
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:	2X
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
MFAG:	See Guide	Marine Pollutant:	No.
UN No. Air:	3082	ICAO Class:	9
Air Pack GR:	III		

15. REGULATORY INFORMATION

Hazard Symbols:



Xi - Irritant.



N - Dangerous for the environment.

Contains: Epoxy resin.

Risk Phrases:

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

Safety Phrases:

S26	In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
S37	Wear suitable gloves.
S24/25	Avoid contact with skin and eyes.
S57	Use appropriate container 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/MSDS

16. OTHER INFORMATION

This information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty, guarantee or representation is made as to its accuracy, reliability or completeness. It is the user's responsibility to satisfy his/herself as to the suitability of such information for his/her own particular use. This product falls within the scope of the Control of

Substances Hazardous to Health (COSHH) Regulations. Users are reminded that this document does not in itself constitute a
assessment of workplace risk as required by those regulations.