

Safety Data Sheet

EpoxyLite EIP 8160 Resin



Safety Data Sheet dated 7/8/2008, version 1, #3478

1. DESIGNATION OF PRODUCT AND COMPANY

Trade name	EpoxyLite EIP 8160 Resin
Chemical description:	Epoxy resin based compound.
Supplier:	Elantas Camattini spa - Via Antolini 1 - 43044 Collecchio (PR) www.elantas.com; info.elantas.camattini@altana.com
Emergency telephone number:	0039/521/304711 fax 0039/521/804679 - 804410
Competent person responsible for the safety data sheet:	MSDS.elantas.camattini@altana.com

2. HAZARDS IDENTIFICATION

No specific hazards are encountered under normal product use.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Hazardous components under the EEC directive 67/548 or components for which European Community exposure values exists:

50% - 75% Quartz
CAS: 14808-60-7 EC: 238-878-4
Xn; R48/20

4. FIRST-AID MEASURES

Contact with skin:

Remove the product with a cloth or absorbent paper. Do not use solvents.

Wash with plenty of water and soap.

Contact with eyes:

Wash immediately and thoroughly with running water, keeping eyelids raised, for at least 10 minutes. Following this, protect the eyes with sterile gauze or a clean, dry, handkerchief. Seek medical advice.

Swallowing:

The induction of vomiting and the administration of oral drugs must be carried out only upon medical council.

Inhalation:

Ventilate the premises. The patient is to be removed immediately from the premises contaminated and made to rest in a well ventilated area. Should the patient feel unwell, consult a physician.

5. FIRE FIGHTING MEASURES

Recommended extinguishers:

CO₂, Foam, Chemical powders or sand. Use water based extinguishing media with caution.

Extinguishers not to be used:

None in particular.

Risks arising from combustion:

Avoid inhaling the fumes. Incomplete combustion releases toxic gases.

Protective equipment:

Use protection for the airways.

6. MEASURES IN CASE OF ACCIDENTAL RELEASE

Measures for personal safety:

Use gloves and protective clothing.

Environmental measures:

Limit leakages with earth or sand.

If the product has flown off into a water course, into the drainage system, or has contaminated the ground or vegetation, notify the responsible authorities.

Cleaning methods:

If the product is in a liquid form, stop it from entering the drainage system.

Recover the product for re-use if possible, or for elimination in compliance with waste disposal regulations in force. The product might, where appropriate, be absorbed by inert material.

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After the product has been removed, rinse the involved area and materials with water that must be disposed in compliance with regulations in force.

7. HANDLING AND STORAGE

Handling precautions:

Avoid contact with and inhalation of vapours and/or dusts. See also paragraph 8 below.

Do not eat or drink or smoke while working. Wash hands before breaks and at the end of work. Maintain a sufficient personal care.

Incompatible materials:

Keep away from amines, strong bases, acids and strong oxidants.

Storage conditions:

Keep in a dry place, in the original containers tightly closed and avoid heat sources.

Instructions regarding storage facilities:

Avoid exposition to low temperature ($T > 15^{\circ}\text{C}$).

8. EXPOSURE CONTROL/PERSONAL PROTECTION

Precautionary measures:

Provide adequate ventilation to the areas where the product is stored and/or handled.

Respiratory protection:

Required where ventilation/aspiration is insufficient or exposure is prolonged, or for applications in which the product is sprayed or heated.

Required in case of machining or applications that release dusts.

Protection for hands:

For an extended exposure of the product, wear nitrile/neoprene gloves.

Eye protection:

Required in case of machining or applications that release dusts.

Safety goggles.

Protection for skin:

No special precaution must be adopted for normal use.

Available Exposure Limits (ACGIH) for substances of section 2:

None

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance and colour: Beige liquid

Odour: Light

pH: n.d.

Melting point: N.A.

Boiling point: $> 200^{\circ}\text{C}$

Flash point: $> 110^{\circ}\text{C}$ (DIN 51758)

Explosive properties: N.A.

Combustion-related properties: N.A.

Vapour pressure: N.A.

Specific gravity ASTM D 1475: 1,34 gr/ml (25°C)

Solubility in water: Insoluble

Lipid solubility: N.A.

Partition coefficient (n-octanol/ H_2O) : n.d.

Dynamic viscosity EN13702-2: 7500 - 12500 mPa.s (25°C)

Vapour density: N.A.

10. STABILITY AND REACTIVITY

Conditions to avoid:

Stable under normal conditions.

Substances to avoid:

The product reacts exothermically with amines, Lewis acids and mercaptanes.

Hazardous decomposition products:

It may catch fire on contact with powerful oxidising agents.

Upon incomplete combustion carbon monoxide is formed.

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11. TOXICOLOGICAL INFORMATION

No toxicological data related to the preparation are available.

When available, the toxicological information relating to the main components are listed below.

The product does not contain toxicologically relevant substances or no data are available.

12. ECOLOGICAL INFORMATION

Adopt sound working practices, so that the product is not released into the environment.

When available, the toxicological information relating to the main components are listed below.

13. DISPOSAL CONSIDERATIONS

Recover if possible. In doing so, comply with the local and national regulations currently in force.

14. TRANSPORT INFORMATION

This product is not classified as dangerous under transport regulations.

15. REGULATORY INFORMATION

Council Directive 67/548/EEC (Classification, packaging and labelling of dangerous substances) and subsequent amendments. Commission Directive 1999/45/EC (Classification, packaging and labelling of dangerous preparation) and subsequent amendments. Commission Directive 98/24/EC (Protection of the health and safety of workers from the risk related to chemical agent). Commission Directive 2000/39/EC (Occupational exposure limit values). Regulation (EC) No 1907/2006 (REACH).

S Phrases:

S24/25 Avoid contact with skin and eyes.

S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

Special Provisions:

Safety data sheet available for professional user on request.

Where applicable, refer to the following regulatory provisions :

Directive 98/24/CE

Directive 91/156/EC; 91/689/EC; 94/62/EC (waste disposal).

Activities linked to risks of serious accidents

16. OTHER INFORMATION

R48/20 Harmful: danger of serious damage to health by prolonged exposure through inhalation.

Main bibliographic sources:

NIOSH - Registry of toxic effects of chemical substances

I.N.R.S. - Fiche Toxicologique

ACGIH - Threshold Limit Values

The information contained herein is based on our state of knowledge at the above-specified date. It refers solely to the product indicated and constitutes no guarantee of particular quality.

It is the duty of the user to ensure that this information is appropriate and complete with respect to the specific intended use.

This MSDS cancels and replaces any previous releases.

The information contained herein is based on what we believe to be reliable data, but it is presented without guarantee or warranty by our part and Elantas Camattini spa disclaims any liability incurred from the use thereof.

Nothing contained herein is to be construed as recommendations for use in violation of any existing patent, foreign or domestic, or of applicable laws and regulations.

Please contact Elantas Camattini spa for further information about the product and its use.

It is recommended to give this MSDS to customers and handlers.