

1.a) **PRODUCT** E-42 Polyurethane modified epoxy resin MSDS

1.b) **SUPPLIER**

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2. COMPOSITIONS AND INFORMATION ON INGREDIENTS

Name	Conc. %	CAS #
E-42 Polyurethane modified epoxy resin		61788-97-4

3. HAZARDS IDENTIFICATION

Routes of entry: inhalation, skin contact, ingestion, and swallow
Potential acute health effects: irritating to eyes and skin. May be harmful if
swallowed. May cause sensitization by skin contact.
Potential chronic health effects: no relevant information found

4. FIRST AID MEASURES

Inhalation: remove the victim from the contamination immediately to fresh air.
Skin contact: wash the affect area under warm running water with a mild soap.
Hazardous skin contact: medical treatment as soon as possible.
Eye contact: rinse the affected eyes with clean water for at least 15 minutes, and
then seek medical treatment.
Ingestion: seek medical treatment

5. FIRE AND EXPLOSION DATA

Flammability of the product: flame-resist liquid
Fire hazards in presence of various substances: none
Explosion hazards in presence of various substances: none
Fire Fighting Media and instructions: dry chemical powder, carbon dioxide or dry sand

6. ACCIDENTAL RELEASE MEASURES

Small Spill: Absorb spill with inert material (e.g., dry sand or earth), then place in a chemical
waste container with covers for disposal.
Large Spill: Dike for later disposal; prevent spills from entering sewers, watercourses or low
areas. Sweep up, place in a bag and hold for waste disposal

7. HANDLING AND STORAGE

Handling: Wear proper protective equipment. Avoid contact with skin or eyes.
Storage: Keep container tightly closed. Keep away from sunlight ,heat flame or

ignition source and store in a cool location

Follow all MSDS label precautions even after container is emptied because they may retain product residues

8. EXPOSURE CONTROLS - PERSONAL PROTECTION

Engineering Controls: Handle this material in a totally enclosed system, or use with local exhaust ventilation

Personal Protection: Safety spectacles, rubber gloves, rubber apron

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical state and appearance	ropy liquid
Colour	Transparent
Odour	characteristic odor
Melting point	not available
Boiling point	not available
Thermal decomposition	>200°C
Falsh point	>130°C
Vapour pressure	not available
Density (25°C)	1.12/ML
Solubility in water	insoluble

10. STABILITY AND REACTIVITY DATA

Chemical stability : This product is considered a stable material under normal and anticipated storage and handling conditions.

Condition of instability: Thermal decomposition may yield carbon monoxide and carbon dioxide ,nitrogen oxides

Incompatibility with various substances: Avoid reacting with strong oxidant, strong acid and aliphatic amine

11. TOXICOLOGICAL INFORMATION

Toxicity to Animals	No relevant information found.
Chronic effects on humans	No relevant information found.
Other toxic effects on humans	No relevant information found.
Special remarks on chronic effects on humans	No relevant information found.
Special remarks on other toxic effects on humans	No relevant information found.

12. ECOLOGICAL INFORMATION

Ecotoxicity	No relevant information found.
BOD5 and COD	No relevant information found.
Products of biodegradation	No relevant information found.
Toxicity of the Products of	No relevant information found.

13. DISPOSAL CONSIDERATION

Do not dump into sewers, on the ground or into any body of water.
Consult an expert on the disposal. Ensure disposal in compliance with government requirements and ensure conformity to local disposal regulations.

14. TRANSPORT INFORMATION

Follow all regulations in your country.
Transport and store according to general caution and instructions in before mentioned comment.

15. REGULATORY INFORMATION

Regulatory information with regard to this substance in your country or in your region should be examined by your own responsibility.

16. OTHER INFORMATION

To the best of our knowledge, the information contained here in is accurate.
However, all materials may present unknown hazards and should be used in caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards, which exist. Final determination of suitability of any material is the sole responsibility of the user.