

Product: **EPOXY RESIN**

Date of Issue: 11/11/2025

1. Identification of Substance

Product Name	EPOXY RESIN
Product Use	Art and Crafts, decoration, electronic components, potting, coating, flooring, carbon fiber products
Manufacturer / Supplier	ARTLINE GROUP EU S.R.L. Str. Episcop Dr. Vasile Coman, Nr. 3, Oradea, 410178, Romania Tel & Emergency Tel: +40748339617 Email: client@artline-resin.eu

2. Hazards Identification

Emergency Overview	Not a hazardous substance or mixture according to Regulation (EC) No.1272/2008, nor according to EC directives 67/548/EEC or 1999/45/EC.
GHS Classification	The product does not need to be labelled in accordance with EC directives or respective national laws.
Other Hazards	This substance/mixture contains no components considered PBT or vPvB at levels of 0.1% or higher.

Potential Acute Health Effects

Eyes	Mildly irritating to eyes.
Skin	Prolonged or repeated skin contact can cause irritation.
Inhalation	May be irritating to upper respiratory tract.
Ingestion	Single dose oral toxicity is considered extremely low. Ingestion may cause gastrointestinal irritation.

3. Composition / Data on Components

Component	CAS #	% by wt.
Epoxy resin	25068-38-6	64%
Benzyl alcohol	100-51-6	9%
Polyether amine	9046-10-0	24%
Auxiliaries	57834-33-0	3%

4. First Aid Measures

Eye Contact	Immediately flush with large amounts of water. Remove contact lenses if easy to do. Continue rinsing. Get medical attention.
Skin Contact	Wash with soap and water. If signs/symptoms develop, get medical attention.
Inhalation	Remove person to fresh air. Get medical attention.
Ingestion	Seek medical attention.

5. Fire Fighting Measures

Fire Fighting Media	Dry chemical, carbon dioxide, alcohol foam, water fog.
Special Procedures	Firefighters should wear self-contained breathing apparatus in pressure-demand, MSHA/NIOSH approved (or equivalent), and full protective gear.

6. Accidental Release Measures

Personal Precautions	Evacuate area. Keep away from heat/sparks/open flames/hot surfaces – no smoking. Use only non-sparking tools. Ventilate the area with fresh air.
Environmental Precautions	Avoid release to the environment.
Containment & Clean-up	Seal leaking containers if possible; place in a well-ventilated area. Cover spill with fire-extinguishing foam (AFFF recommended) or an inorganic absorbent (bentonite, vermiculite). Collect with non-sparking tools and place in an approved metal container. Clean residue with an appropriate solvent selected by a qualified person. Dispose of collected material as soon as possible.

7. Handling and Storage

Safe Handling	Keep out of reach of children. Keep away from heat/sparks/open flames/hot surfaces – no smoking. Do not breathe dust/fume/gas/mist/vapours/spray. Avoid contact with eyes, skin and clothing. Do not eat, drink or smoke when using this product. Wash thoroughly after handling. Avoid contact with oxidising agents (e.g. chlorine, chromic acid). Use appropriate PPE (gloves, respirators) as required.
Safe Storage	Protect from sunlight. Do not expose to temperatures exceeding 50°C / 122°F. Store in a well-ventilated place, in tightly closed containers, away from acids and oxidising agents.

8. Exposure Controls and Personal Protection

Engineering Controls	Use general dilution and/or local exhaust ventilation to keep airborne exposures below relevant exposure limits. Use respiratory protection if ventilation is inadequate.
Eyes	Safety glasses with side shields; chemical goggles or face shield if splash/spray hazard exists; eye wash station available.
Body	Coveralls, apron, boots, or lab coat to prevent skin contact.
Hands	Chemically resistant gloves.
Respiratory	Not required under normal conditions of use; use a NIOSH/MSHA-approved organic vapor/mist respirator if excessive vapors/mists persist.

9. Physical and Chemical Properties

Form	Liquid
Color	Transparent
Odor	Slight amine smell
Density	1.02–1.10 g/cm ³
Viscosity	10–20,000 cps at 25°C
Boiling / Melting Point, Vapor Pressure/Density, Solubility, pH, Freezing Point	Not applicable
Molecular Weight	Mixture – not applicable

10. Stability and Reactivity

Chemical Stability	Chemically stable under normal storage and handling conditions.
Hazardous Polymerization	Will not occur.

11. Toxicological Information

Chronic / Carcinogenic / Mutagenic / Teratogenic / Developmental Toxicity	None known.
Acute Effects on Humans	May cause skin, eye and respiratory irritation.
Sensitization	Repeated or prolonged exposure above exposure limits may cause respiratory tract and lung sensitization.

12. Ecological Information

Ecotoxicity	No data available; the material is not expected to have deleterious toxic effects.
Environmental Fate	No data available regarding environmental fate or biodegradation.

13. Disposal Considerations

Product (Uncleaned)	Consult state, local or national regulations to ensure proper disposal.
Packaging	Disposal must be made according to official regulations.

14. Transport Information

UN Number	ADR/RID: None IMDG: None IATA: None
Proper Shipping Name	Not dangerous goods (ADR/RID, IMDG, IATA)
Hazard Class / Packaging Group	None
Environmental Hazards	No (ADR/RID, IMDG Marine Pollutant, IATA)

15. Regulations

Product-Related Hazards	Observe general safety regulations when handling chemicals.
National Regulations	All components are listed in the EU Environmental Protection Agency Toxic Substances Control Act Chemical Substance Inventory.
Limitation of Use	For use only by technically qualified individuals.

16. Other Information

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