

MATERIAL SAFETY DATA SHEET
For epoxy resin from: EpoxyJewelry.com

Issue Date: 06/27/2003

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SECTION I -PRODUCT IDENTIFICATION

AeroMarine Epoxy Resin #300AeroMarine Products
4128 Napier St.
San Diego, CA 92110

Product Class: Epoxy resin in reactive diluent
Emergency contact: Toll-free 877.342.8860

C.A.S. Number: Mixture
HMIS Rating: Health = 1 Fire = 1 Reactivity = 0

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SECTION II -INGREDIENTS

Maximum Exposure
Ingredients CAS # Content Limits
Epoxy Resin --87.0
% None assigned
Cresyl Glycidyl Ether 2426-08-6 13.0 % 25.0 ppm

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SECTION III -PHYSICAL DATA

Boiling Point: N.A. Vapor Density: Nonvolatile
Volatile %: 0 % Specific Gravity: 1.13
Evap. Rate: Nonvolatile
Appearance: Straw colored liquid.

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SECTION IV -FIRE AND EXPLOSION HAZARD DATA

Flammability Class: 3A Flash Point: 157 Deg. F. LEL : N.A.

-EXTINGUISHING MEDIA:

Foam, carbon dioxide, dry chemical or fog.

-SPECIAL FIREFIGHTING PROCEDURES:

Firefighters should wear goggles and self-contained breathing apparatus to avoid inhalation of smoke or vapors.

-UNUSUAL FIRE & EXPLOSION HAZARDS:

None known.
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SECTION V -HEALTH HAZARD DATA

-PERMISSIBLE EXPOSURE LEVEL:

The OSHA PEL and the ACGIH TLV for Cresyl ether is 25 ppm for an 8-hour TWA.

-EFFECTS OF OVEREXPOSURE:

Inhalation -Nasal irritation, central nervous system depressionlung injury.

Eye contact -Mild to moderate irritation, possible minor temporary corneal injury.

Skin contact -Mild irritation. May be a skin sensitizier.

-EFFECTS OF OVEREXPOSURE:

Skin absorption -Not likely to be absorbed in toxic amounts.

-FIRST AID:

Eyes -Flush with plenty of water and get medical attention.

Skin -Promptly wipe clean with paper or cloths and wash with soap and water. Remove and wash any contaminated clothing before reuse.

Inhalation -If ill effects occur remove person to fresh air, keep that person warm and quiet and get medical attention promptly.

Ingestion -Not likely a problem. If large amounts are swallowed, promptly induce vomiting and get medical attention.

-PRIMARY ROUTE(S) OF ENTRY:

Inhalation, ingestion, skin and eye contact.

-TOXICOLOGICAL INFORMATION:

This product does not contain 0.1% or more of any substance which is listed as a carcinogen by NTP, IARC or OSHA.

BUTYL GLYCIDYL ETHER: LD50 (ORAL/RAT) 2050 MG/KG;
LD50 (DRML/RABBIT) 2520 MG/KG; LC50 (INHL/RAT) 1030 PPM/8H

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SECTION VI -REACTIVITY DATA

STABILITY: [] Unstable [x] Stable

HAZARDOUS POLYMERIZATION: [] May occur [x] Will not occur

-INCOMPATIBILITY: Strong oxidizers, acids, bases and epoxy hardeners under uncontrolled conditions.

-CONDITIONS TO AVOID: Heat and warm storage.

-HAZARDOUS DECOMPOSITION PRODUCTS: Carbon monoxide, carbon dioxide, smoke.

Other possible products unknown.

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SECTION VII -SPILL OR LEAK PROCEDURES

-STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:

Ventilate area. Absorb spill with suitable absorbent material and place into a closed container. For large spills, dike area and pump into closed containers. Prevent this material from entering waterways.

Wear protective equipment during cleanup.

-WASTE DISPOSAL METHOD:

At this time, this material or its containers would not be considered hazardous wastes as defined under the federal RCRA regulations(40 CFR 261) if discarded. Care should be taken to ensure that the material or its containers are disposed of in an approved facility in accordance with current federal, state, and local regulations.

For further information, contact your state or local waste agency or the United States Environmental Protection Agency's RCRA hotline(800-424-9346 or 202-382-3000).

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SECTION VIII -SPECIAL PROTECTION INFORMATION

-RESPIRATORY PROTECTION: Should be worn to avoid breathing spray mist, heated vapors or if TLV is exceeded.

-VENTILATION: Local exhaust and general ventilation recommended.

-PROTECTIVE GLOVES: Chemical-resistant plastic or rubber.

-EYE PROTECTION: Chemical goggles.

-OTHER PROTECTIVE EQUIPMENT: As required to prevent wetting skin or clothing.
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SECTION IX -SPECIAL PRECAUTIONS

-PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING: This material may cause sensitization. Do not get in eyes, on skin or clothing. Do not allow contaminated clothing to contact skin. Avoid contact with vapors or fumes.

-OTHER PRECAUTIONS: Wear protective equipment.

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SECTION X -SUPPLEMENTAL INFORMATION

-REGULATORY INFORMATION: None.

-DOT PROPER SHIPPING NAME: NON-BULK: NOT REGULATED BY DOT - HMR BULK: COMBUSTIBLE LIQUID, N.O.S., (Cresyl GLYCIDYL ETHER) COMBUSTIBLE LIQUID, NA1993, III

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