

**MATERIAL SAFETY DATA SHEET**

MSDS-0171
EP 310 Kit
REV. DATE: 3/1/93

SECTION 1 - IDENTIFICATION

PRODUCT (TRADE) NAME: EP 310 (Hot Curing Adhesive)

CHEMICAL FAMILY:

SUPPLIER: OMEGA ENGINEERING INC.
PO BOX 4047
STAMFORD, CT 06907

DATE PREPARED: 7/85
SUPERSEDES:

TELEPHONE: (203) 359-1660

SHIPPING NAME (UN NUMBER PER TRANSPORTATION AUTHORITY)
DOT:/IATA: UN 2056 (Tetrahydrofuran)

SECTION 2 - HAZARDOUS INGREDIENTS/IDENTITY INFORMATION

Hazardous Components (Specific Chemical Identity, Common Name(s))	OSHA PEL	ACGIH TLV	Other Limits Recommended	% (optional)
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Epoxy Novolac comprising an epoxy resin solution and an anhydride hardner solution. Also known as BR-610 and BR600.

Ingredients Include:	Tetra Hydro Furan	200 units	79%
	Vehicle	N/A	15%
	Catalyst	N/A	6%

SECTION 3 - PHYSICAL/CHEMICAL CHARACTERISTICS

Boiling Point °F:	66	Specific Gravity (H₂O = 1):	—
Vapor Pressure (mm Hg):	45	Melting Point:	—
Vapor Density (AIR = 1):	—	Evaporation Rate (Butyl Acetate = 1):	6
Solubility in Water:	Partly		
Appearance and Odor:	Thin fluid. Ether like odor.		

SECTION 4 - FIRE AND EXPLOSION HAZARD DATA

Flash Point (Method Used):	1°F	Flammable Limits: —	LEL	UEL
Extinguishing Media:	Foam, Dry chemical			
Special Fire Fighting Procedures:	Avoid fumes.			
Unusual Fire and Explosion Hazards:	Closed container may explode when exposed to extreme heat.			

SECTION 5 - REACTIVITY DATA

Stability: Stable
Conditions to Avoid: —

Incompatibility (Materials to Avoid): strong oxidizing agents
Hazardous Decomposition or Byproducts: CO, CO₂

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SECTION 5 - REACTIVITY DATA

Hazardous Polymerization: Will Not Occur
Conditions to Avoid: —

SECTION 6 - HEALTH HAZARD DATA

Route(s) of Entry:	Inhalation? yes	Skin? —	Ingestion? —
Health Hazards (Acute and Chronic):		Threshold limit value is 200 ppm vapor	
Carcinogenicity: —	NTP?	IARC Monographs?	OSHA Regulated?
Signs and Symptoms of Exposure: liver damage, respiratory irritation			
Medical Conditions Generally Aggravated by Exposure: liver damage			

Emergency and First Aid Procedures:

Skin contact: Wash with soap and water.
Eye contact: Wash with running water 15 minutes. Call doctor.

SECTION 7 - PRECAUTIONS FOR SAFE HANDLING AND USE

Steps to Be Taken in Case Material Is Released or Spilled: Remove all sources of ignition. Avoid breathing vapors. Ventilate area. Wipe up with absorbent rags. Wash with water and detergent.

Waste Disposal Method: In accordance with local, state, and federal regulations. Do not incinerate closed containers.

Precautions to Be Taken in Handling and Storing: Keep container closed to prevent contamination. Avoid excessive heat, sparks, and flame. Avoid inhalation of fumes.

Other Precautions: Do not take internally.

Emergency Response Telephone Numbers: (800) 255-3924 (813) 979-0626

SECTION 8 - CONTROL MEASURES

Respiratory Protection (*Specify Type*): Spillage only: Chemical cartridge type.
Ventilation: Local Exhaust, Mechanical (General)
Protective Gloves: Spillage only
Other Protective Clothing or Equipment: rubber apron
Work/Hygienic Practices: —
Eye Protection: X

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