



DISCLAIMER: The information herein relates to the product named and is based upon information ALFA INTERNATIONAL CORPORATION considers accurate. No warranty expressed or implied is intended. This information is offered solely for your consideration and interpretation. The Corporate Safety and Environmental Affairs Department is responsible for the preparation of this Material Safety Data Sheet.

MATERIAL SAFETY DATA SHEET

Alfa International Corp. **E80-106**

MSDS Number: 1611
MSDS Date: 06/10/2010

SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: E80-106

MANUFACTURER: Alfa International Corp.
ADDRESS: 32 Mechanic Ave., Unit 99, Woonsocket, RI 02895

EMERGENCY PHONE: 866-353-2532
CHEMTREC PHONE: 800-424-9300
OTHER CALLS: 401-765-0503
FAX PHONE: 401-765-0508

CHEMICAL NAME: Epoxy Resin

PRODUCT USE: Epoxy Resin
PREPARED BY: Alfa International

SECTION 2: COMPOSITION/INFORMATION ON INGREDIENTS

MATERIAL	CAS NO.	%	OSHA PEL	ACGIH TLV	STEL	*LISTED CARCINOGEN
Aluminum	7429-90-5	25-35	-	10 mgm3	-	No
Bisphenol A Epoxy Resins	25068-38-6	45-55	-	-	-	No
Silica	7631-86-9	1-5	10mgm3	0.1mgm3	-	*Yes
Talc	14807-96-6	1-10	2mgm3	2mgm3	-	No

*Silica is listed as IARC 2A Carcinogen

SECTION 3: PHYSICAL DATA

BOILING POINT (°F)	N/A	Specific Gravity (H ₂ O=1)	1.4
VAPOR PRESSURE (mm Hg)	N/A	Percent Volatile by Volume %	0.5-1.0
VAPOR DENSITY (AIR=1)	N/A	Evaporation Rate (Butyl Acetate=1)	N/A
SOLUBILITY IN WATER	NIL	Appearance & Odor Grey & typical Odor	

SECTION 4: FIRST AID MEASURES/HEALTH HAZARD DATA

EYE CONTACT: Acute and chronic: May cause eye irritation.
SKIN CONTACT: Acute and chronic: May cause skin sensitization (rashes or hives).

INGESTION: Do not induce vomiting.
INHALATION: Avoid breathing vapor, mist or spray in contain headspace

Preexisting skin or lung allergies may increase the chance of developing increased allergy symptoms from exposure to this product.

EMERGENCY & FIRST AID PROCEDURES:

EYES: Flush with water for at least 15 minutes, consult a physician
SKIN: Wash with soap and water, apply a mild skin cream



DISCLAIMER: The information herein relates to the product named and is based upon information ALFA INTERNATIONAL CORPORATION considers accurate. No warranty expressed or implied is intended. This information is offered solely for your consideration and interpretation. The Corporate Safety and Environmental Affairs Department is responsible for the preparation of this Material Safety Data Sheet.

INGESTION: Call Poison Center Immediately
INHALATION: Remove to fresh air

Contaminated leather articles cannot be decontaminated and should be destroyed to prevent reuse.

SECTION 5: FIRE-FIGHTING MEASURES

FLASH POINT (METHOD USE) : >450°F
EXTINGUISHING MEDIA: Carbon dioxide, foam, dry chemical, water spray
SPECIAL FIRE FIGHTING PROCEDURE: Do not spray a solid stream of water or foam directly into a pool of hot, burning liquid; this may cause frothing. Use self contained breathing apparatus.
UNUSUAL FIRE & EXPLOSION HAZARDS: Exposure to high temperature may cause instability. Decomposition and combustion products may be toxic.

SECTION 6: REACTIVITY DATA

CONDITIONS TO AVOID

Table with 3 columns: Property (Stability, Hazardous Polymerization, Incompatibility), Condition (Unstable, Stable, May Occur, Will Not Occur), and Avoidance Measures (Elevated temperatures, Aliphatic polyamines, Amines, etc.).

SECTION 7: SPILL OR LEAK PROCEDUES

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

Wear protective equipment. Shovel into closable containers. Flush area with water. Dispose of in accordance with local, state, and federal regulations.

WATER DISPOSAL METHOD: Dispose of in accordance with local, state, and federal regulations.

SECTION 8: SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION (SPECIFY TYPE): Self contained breathing apparatus in high vapor concentration. NOISH approved mask.
LOCAL EXHAUST: Sufficient to keep workroom concentration below TLV.
PROTECTIVE GLOVES: Chemical Resistant gloves
EYE PROTECTION: Safety glasses or face shield
OTHER PROTECTIVE EQUIPMENT: Barrier cream for sensitive skin

SECTION 9: SPECIAL PRECAUTIONS

HANDELING & STORING: Store in a cool dry closed container.