DAC 25-1837 (REV. 8-70)

DPM 1311 Deleted-Not Replaced

HAZARDOUS MATERIALS DATA SHEET
(PLEASE COMPLETE APPLICABLE SECTIONS)

1. PRODUCT NAME, NUMBER, SYNONYM: Epoxy Resin Hardener ERL-2807
2. MANUFACTURER'S NAME: Union Carbide Corp.
3. MANUFACTURER'S ADDRESS: 270 Park Ave. New York, N.Y. 10017
4. PROCEDURE IN CASE OF BREAKAGE OR LEAKAGE: soak up on sawdust and incinerate. Flush residue with water
5. TRANSPORTATION AND STORAGE REQUIREMENTS: normal
6. FIRST AID TREATMENT:
   A. SKIN CONTACT: Immediately flash with plenty of water followed by washing with soap and water
   B. EYE CONTACT: Immediately flush with plenty of water for at least 15 minutes. Get medical care
   C. INHALATION: no problem
   D. ANTIDOTE IN CASE OF SWALLOWING: Induce vomiting after drinking a large amount of water. Call a physician.
7. PHYSIOLOGICAL PROPERTIES:
   A. ACUTE ORAL TOXICITY: not known but probably close to 4 gm/Kg. may cause burns.
   B. LOCAL EFFECTS UPON EYES: Causes severe eye injury.
   C. LOCAL EFFECTS UPON SKIN: Causes mild burns. A strong sensitizer which may cause skin rash
   D. ESTIMATE OF ACUTE HAZARD BY INHALATION (VOLATILE MATERIALS): slight.
   E. WARNING PROPERTIES (ODOR, IRRITATION TO EYES, NOSE OR THROAT): musty odor
   F. ESTIMATED THRESHOLD LIMIT VALUE (IF NOT ON CURRENT LIST BY AMERICAN CONFERENCE OF GOVERNMENTAL INDUSTRIAL HYGIENISTS): —
8. CHEMICAL AND PHYSICAL PROPERTIES:
   A. SPECIFIC GRAVITY (WATER = 1) 1.07 – 1.08
   B. VAPOR DENSITY (AIR = 1) N.A.
   C. VAPOR PRESSURE mm Hg AT 25°C. N.A.
   D. pH N.A.
   E. CORROSIVE ACTION ON COMMON MATERIALS SUCH AS: ALUMINUM, MAGNESIUM, PLEXIGLAS, RUBBER, LACQUERS, ENAMELS, FABRICS: No apparent action.

F. DOES THE MATERIAL DECOMPOSE EN EXPOSED TO AIR? WATER? HEAT? STRON IDIZERS? _____

G. FOR MIXTURES GIVE THE PERCENTAGE COMPOSITION OF INGREDIENTS:

COMPOUND	PERCENT
DETA MODIFIED BY INTRODUCING SELECTED FUNCTIONAL GROUPS ON THE NITROGEN ATOMS	

NOTE: GENERALIZATIONS SUCH AS PETROLEUM HYDROCARBONS, ALCOHOL, KETONES, CHLORINATED HYDROCARBONS, ETC., ARE NOT ADEQUATE FOR TOXICOLOGICAL EVALUATION. PROPER CHEMICAL NAMES MUST BE KNOWN.

H. DOES THE MATERIAL GENERATE HEAT THROUGH POLYMERIZATION OR CONDENSATION? Yes. When combined with an epoxy resin.

9. PRECAUTIONS FOR NORMAL CONDITIONS OF USE: Do not get on skin or in eyes

10. RECOMMENDED PROTECTIVE EQUIPMENT: Complete eye protection. Rubber gloves

11. A. FLASHPOINT °F: CLOSED CUP N.A ; OPEN CUP N.A ; IF F.P. CHANGES DURING EVAPORATION GIVE DATA:

B. EXPLOSIVE LIMITS (% VOL. AIR): NONE LOWER _____ ; UPPER _____

C. SUSCEPTIBILITY TO SPONTANEOUS HEATINGS: YES _____ ; NO ✓

D. FIRE POINT °F NA ; AUTO IGNITION TEMPERATURE °F NA

E. VAPOR DENSITY NA.

F. WHAT PRODUCTS MIGHT BE FORMED IN THE EVENT OF FIRE OR ABNORMAL TEMPERATURES? NA.

G. SUITABLE EXTINGUISHING AGENTS: Any

12. INFORMATION FURNISHED BY: [illegible]

TITLE: associate medical Director

COMPANY: Union Carbide Corp.

ADDRESS: 270 Park ave New York, N.Y. 10017

DATE: 12/20/71

NOTE: INFORMATION IN REGARD TO A MATERIAL'S COMPOSITION WILL BE USED FOR THE PURPOSE OF COMPLYING WITH LOCAL, STATE AND FEDERAL ORDINANCES, LAWS AND CODES, AND REQUIREMENTS OF GOVERNMENTAL AGENCIES.

THE COMPLETED FORM SHOULD BE RETURNED TO PURCHASING, DOUGLAS AIRCRAFT DIVISION, LONG BEACH, CALIF. 90801.