

MATERIAL SAFETY DATA SHEET

----- IDENTIFICATION SECTION -----

PRODUCT NAME: RESIN RESEARCH EPOXY RESIN HARDENER 2100F or 2100S or 2100X

MANUFACTURER: RESIN RESEARCH  
131 TOMAHAWK DR. #11 INDIAN HARBOUR BEACH, FL. 32937  
4231 S. FREMONT AV. TUCSON AZ. 85714

HAZARDOUS MATERIAL DESCRIPTION:  
DOT CORROSIVE LIQUID UN 2289

EMERGENCY NOS. FL (321)779-2369 OR AZ (321) 223-5276

----- HAZARDOUS INGREDIENTS -----

CAS# ----- CHEMICAL NAME --- % -- ACGIH(TLV) -- OSHA(PEL)

----- Polyamine prepolymer -60 ----- none established

100-51-6-----Benzyl Alcohol -- 30 ----- none established

-----Non reactive solids -- 10 ----- NA

-----PHYSICAL DATA-----

PHYSICAL STATE: CLEAR COLORLESS LIQUID  
SPECIFIC GRAVITY: .98  
VAPOR PRESSURE: not determined  
DENSITY: 8.1 lbs. per gal.  
VAPOR DENSITY: not determined  
BOILING POINT: not determined  
WATER SOLUBILITY: not determined  
MELTING POINT: n/a  
EVAPORATION RATE:slower than ether

----- FIRE AND EXPLOSION DATA -----

FLASH POINT: 220°F

EXTINGUISHING MEDIA: Alcohol foam, dry chemical, carbon dioxide.

SPECIAL FIRE FIGHTING PROCEDURES: Self contained breathing apparatus should be available for fire fighters. Cool exposed containers with water.

FIRE AND EXPLOSION HAZARDS: Toxic fumes will be evolved when this material is involved in a fire.

----- REACTIVITY DATA -----

STABILITY: Stable

INCOMPATIBILITY: Strong acids or oxidizing agents. Epoxy resins under uncontrolled conditions.

HAZARDOUS POLYMERIZATION: Will not occur

HAZARDOUS DECOMPOSITION PRODUCTS: CO, CO<sub>2</sub>, NO<sub>x</sub>

----- HEALTH HAZARD DATA -----

EFFECTS OF OVEREXPOSURE: DOT corrosive. May cause burns to skin and eyes. High concentration of vapors causes irritation of respiratory tract, nausea and vomiting.

CHRONIC: Prolonged or repeated exposure may cause asthma and sensitization of skin other allergic response.

EYES: Immediately flush with large amounts of water for at least 15 minutes lifting upper and lower lids occasionally. GET IMMEDIATE MEDICAL ATTENTION. If a physician is not immediately available, continue flushing with water.

SKIN: Immediately flush skin with water for at least 15 minutes while removing contaminated clothing and shoes. Launder clothing before re-use and discard contaminated leather articles. Get medical attention if swelling or reddening occurs.

INHALATION: Remove to fresh air if effects occur and administer oxygen if necessary. GET MEDICAL ATTENTION if effects persist.

INGESTION: DO NOT INDUCE VOMITING. Vomiting will cause further damage to the throat.

Dilute by giving water or milk to drink if victim is conscious. GET MEDICAL ATTENTION immediately.

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE: Not known.

----- SPILL OR LEAK PROCEDURES -----

IF MATERIAL IS SPILLED: Avoid all skin contact. Absorb spills with clay, diatomaceous earth, vermiculite or other suitable absorbent material and shovel into waste metal drums.

WASTE DISPOSAL METHOD: Incinerate or bury in approved dumping area in accordance with Federal, State and local regulations.

----- SPECIAL PROTECTION INFORMATION -----

RESPIRATORY PROTECTION: NIOSH Approved respiratory protection required in absence of proper environmental control. Use amine respiratory cartridge mask or an atmosphere supplying respirator.

VENTILATION: Breathing of vapors should be avoided. This product should be confined as far as possible in sealed or covered containers in which case normal room ventilation should be adequate. Local ventilation will be needed in areas where vapors are expected.

SKIN PROTECTION: Rubber gloves, clean, body covering clothing and footwear.

OTHER PROTECTIVE EQUIPMENT : Splash proof goggles or safety glasses with side shields.

----- SPECIAL PRECAUTIONS -----

Avoid all skin contact.

Avoid spills and inhalation of vapors.

A good standard of personal hygiene and good general housekeeping are essential.

Reseal part used containers after use.

Ensure all containers are correctly labeled to prevent accidental ingestion.

Wash with soap and water before eating, drinking, or using lavatory.

Observe conditions of good industrial hygiene and safe working practice