

MATERIAL SAFETY DATA SHEET

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

PRODUCT NAME: RESIN RESEARCH ADDITIVE F

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

HAZARDOUS MATERIAL DESCRIPTION:XYLENE BASED SURFACING
AGENT
USE: COMPOSITES AND COATINGS

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

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

CAS# 1330-20-7
CHEMICAL NAME: XYLENE
PERCENT: 85%
EXPOSURE LIMIT: 100PPM TWA
OSHA PEL: 100PPM TWA
ACGIH TLV: 150PPM STEL

NON VOLATILE SOLIDS 15% NON HAZARDOUS

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

PHYSICAL STATE: CLEAR COLORLESS LIQUID
SPECIFIC GRAVITY: .87
VOLATILE %: 85%
VAPOR DENSITY 3.6 VAPOR PRESSURE: 5.1 MM @20 C
BOILING POINT: 138 - 144 C
EVAPORATION RATE: 0.9

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

FLASH POINT: 27-32 C (TCC)
FLAMMABILITY CLASSIFICATION: FLAMMABLE LIQUID
EXTINGUISHING MEDIA:ALCOHOL TYPE FOAM, CO2, OR DRY CHEMICAL
SPECIAL FIRE FIGHTING PROCEDURES: Firefighters should wear goggles
and self contained breathing apparatus to avoid inhalation of smoke or vapors.
FIRE AND EXPLOSION HAZARDS: PYROLYSIS WILL RELEASE TOXIC
GASES - CO AND BENZENE

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

STABILITY: Stable

INCOMPATIBILITY: Strong oxidizers

HAZARDOUS POLYMERIZATION: Will not occur

CONDITIONS TO AVOID: Heat and warm storage. STORE AT ROOM TEMPERATURE

HAZARDOUS DECOMPOSITION PRODUCTS: CO, BENZENE.

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

Health hazards: Vapor is irritating to nose and throat. Prolonged exposure may cause pulmonary edema. Skin contact causes local defatting of the skin which will cause irritation and chaffing. Long term exposure may cause CNS disturbance and damage to liver and kidneys.

Signs and symptoms of exposure: CNS disturbance, dizziness, headache, stupor, coma and death.

Medical conditions generally aggravated by exposure: Impaired kidney and liver function . Preexisting eye, skin and respiratory conditions may be aggravated.

-----EMERGENCY FIRST AID PROCEDURES-----

EYES: flush with plenty of water and get medical attention.

SKIN: Promptly wipe clean with paper or cloth 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 immediately.

INGESTION: DO NOT INDUCE VOMITING. GET MEDICAL ATTENTION EVEN IF SYMTOMS IMPROVE.

CARCINOGENICITY: Not carcinogenic.

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE: IMPAIRED KIDNEY AND LIVER FUNCTION. PREEXISTING EYE, SKIN AND RESPERATORY CONDITIONS.

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

IF MATERIAL IS SPILLED: Remove all sources of ignition. 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: Preferred method of disposal is incineration. Small quantities may be evaporated. 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 U.S. Environmental Protection Agency's RCRA hot line (1-800-424-9346 or 202-382-3000).

----- 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.

SKIN PROTECTION: Chemical resistant plastic or rubber gloves and chemical goggles

OTHER PROTECTIVE EQUIPMENT : As required to prevent wetting skin or clothing.

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

PRECAUTIONS WHEN MIXING AND HANDLING: Do not get in eyes, on skin or clothing. Do not allow contaminated clothing to contact skin. Avoid contact with vapors. Wear protective equipment.

----- SUPPLEMENTAL INFORMATION -----

DOT PROPER SHIPPING NAME: XYLENE

UN NUMBER: UN1307

DOT HAZARD CLASS: FLAMMABLE LIQUID

EMERGENCY PHONE NUMBERS 321-223-5276 OR 321-779-2369