

*******MATERIAL SAFETY DATA SHEET*******

Manufacturer's Name: PRECISION CONVERTING
Street Number: 6650 CONCORD PARK DR
City, State, Zip: HOUSTON, TX 77040
PHONE: (713) 934-1650 Fax: (713) 934-1655

*******SECTION I – PRODUCT IDENTIFICATION*******

CHEMICAL FAMILY: Aromatic Isocyanate Mixture
TRADE NAME AND SYNONYMS: PC - 800 Gel Component A
FORMULA: The specific chemical formula for this material is a Trade Secret of PRECISION CONVERTING

*******SECTION II – HAZARDOUS INGREDIENTS*******

INGREDIENTS	EXPOSURE LIMITS
Methylene Bisphenyl Diisocyanate	OSHA Not Noted
CAS Number: 101-68-8	ACGIH 0.005 PPM
Percentage: >1	STEL Not Noted
	CEIL 0.02 PPM
COMMENTS: NOISH TWA 0.005 PPM; 10 minute Ceiling 0.02 PPM	

*******SECTION III – PHYSICAL DATA*******

APPEARANCE: Amber Liquid
ODOR: Slight
COLOR: Amber
BOILING POINT (F) (C): 300C
SPECIFIC GRAVITY: 1.200
PERCENT VOLATILE BY VOLUME: 0
EVAPORATION RATE (ether = 1): Slower
VAPOR DENSITY (air = 1): Greater
SOLUBILITY IN WATER: None

IMPORTANT: The data in this Material Safety Data Sheet relates only to the material designated herein and does not relate to use in combination with any other material or in any process. The information herein is furnished free of charge and is based on technical data that PRECISION CONVERTING believes to be reliable, and to the best of our knowledge, accurately reflects the properties and effects of the hazardous components. This product is intended for use by persons having technical skills and at their own discretion and risk. Because conditions of use of this material are outside our control, we make no warranties, expressed or implied, and assume no liability in connection with any use of this material.

*******SECTION IV – FIRE AND EXPLOSION HAZARD DATA*******

FLASH POINT: 390 F (T.C.C., ASTM D-45-70)
EXTINGUISHING MEDIA: Water spray (fog), dry chemical, and carbon monoxide.
SPECIAL FIRE FIGHTING PROCEDURES: Full protective equipment with self-contained breathing apparatus should be worn.

(continued)

USUAL FIRE AND EXPLOSION HAZARDS: Keep containers tightly closed. Isolate from heat as closed containers may explode when exposed to extreme heat. **DO NOT** weld, burn or cut empty containers.

*******SECTION V – HEALTH HAZARD DATA*******

EFFECTS OF OVEREXPOSURE:

EYES: Eye irritant. Wash with water for at least 15 minutes. Consult a physician.

INHALATION: Inhalation of vapors or spray mist may also cause irritation to the respiratory track. Remove to uncontaminated area. Administer oxygen if available and necessary; however, due to low vapor pressure overexposure is not expected under normal conditions unless material is heated or used in poorly ventilated area.

INGESTION: Drink water to reduce corrosivity. Consult a physician. Overexposure may lead to mucous membrane irritation, tightness of chest, respiratory tract irritation, coughing, headache and shortness of breath. May lead to allergic sensitivity in some individuals resulting in asthma-like symptoms upon subsequent exposure below TLV.

*******SECTION VI – REACTIVITY DATA*******

STABILITY: Stable under normal conditions.

CONDITIONS TO AVOID: Contact with moisture and alkaline materials; temperatures above maximum storage temperature.

INCOMPATIBILITY (materials to avoid): Contact with water and strong bases.

HAZARDOUS DECOMPOSITION PRODUCTS: By high heat and fire, carbon monoxide, oxides of nitrogen, aniline and solvent vapors.

HAZARDOUS POLYMERIZATION: Will not occur under normal conditions.

*******SECTION VII – SPILL OR LEAK*******

TAKE THE FOLLOWING STEPS IF MATERIAL IS RELEASED OR SPILLED: Ventilate confined spaces. Workers should avoid direct skin or eye contact or inhalation of any vapors. Absorb on dry inert material. Package for disposal.

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

*******SECTION VIII – SPECIAL PROTECTION INFORMATION*******

RESPIRATORY PROTECTION: If working in conditions where TLV is exceeded, use a chemical cartridge mask or air supply hood as required and/or approved by ANSI and OSHA.

VENTILATION REQUIREMENTS: N/A

EYE PROTECTION: Splash goggles or face shield required. A full-face shield is recommended for most situations as it affords eye as well as face protection.

OTHER PROTECTIVE EQUIPMENT: Chemical resistant gloves, apron or coveralls and face shield are required. If protective creams are used, minimize the area protected only by the cream.

*******SECTION IX – SPECIAL PRECAUTIONS*******

STORAGE TEMPERATURE: 75 F (20 C) maximum

SHELF LIFE: Minimum one (1) year at 75 F (23 C)

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING: Keep containers closed when not in use. Keep away from heat, sparks, and open flame. Store in tightly sealed containers and away from moisture and direct sunlight.

OTHER: Wear personal protective equipment when working on equipment that may be contaminated with material.

EMPTY CONTAINERS: All label precautions must be observed when handling or transporting empty containers due to product residues. Residues may be neutralized by rinsing containers with respective Uraseal 100, Component B (resin) and allowing components to react and cure. Empty containers must be disposed of in accordance with local, state and federal regulations.

*******SECTION X – SHIPPING DATA*******

D.O.T. SHIPPING NAME: Coating solution

TECHNICAL SHIPPING NAME: Polyurethane resin

D.O.T. HAZARD CLASSIFICATION: Non-flammable

D.O.T LABELS REQUIRED: None

D.O.T. PLACARDS REQUIRED: None

FREIGHT CLASS: 1

LIMIT, AIR FREIGHT: None