MATERIAL SAFETY DATA SHEET

MANUFACTURERS' NAME: **ADVANCED COATINGS & CHEMICALS**
Subsidiary of Olin Hunt Specialty Products, Inc.
4343 Temple City Blvd.
Temple City, CA 91780

DATE OF PREPARATION: 4-24-86

EMERGENCY PHONE NO: **(818) 579-6270**

SECTION I—PRODUCT IDENTIFICATION

PRODUCT FORMULA: 3-1H-3

PRODUCT NAME: URETHANE HARDENER

PRODUCT CHEMICAL FAMILY: ALIPHATIC POLYISOCYANATE

SECTION II—HAZARDOUS INGREDIENTS

INGREDIENTS	CAS NUMBER	EXPOSURE LIMITS IN AIR		IARC, NTP OSHA HAZARD EVALUATION
		OSHA PEL	ACGIH TLV	
XYLENE	1330-20-7	100ppm	100ppm	NON-CARCINOGENIC NARCOTIC
n-BUTYL ACETATE	123-86-4	150ppm	150ppm	NON-CARCINOGENIC NARCOTIC
HEXAMETHYLENE DIISOCYANATE	822-06-0	SUGGESTED 0.02 ppm		SENSORY AND PULMONARY IRRITANT, NON-CARCINOGENI

SECTION III—PHYSICAL DATA

BOILING POINT: 258.8°F

SPECIFIC GRAVITY: 1.06

VAPOR DENSITY (AIR = 1): HEAVIER

% VOLATILE BY VOLUME: 30%

SOLUBILITY IN WATER: NEGLIGIBLE

EVAPORATION RATE: FASTER
(BUTYL ACETATE = 1)

VAPOR PRESSURE: @20°C 8.0 mm.Hg.

SECTION IV—FIRE AND EXPLOSIVE HAZARD DATA

FLASH POINT: 91 °F. TCC LEL: 1.0 % by Volume UEL: 7.6 % By Volume

EXTINGUISHING MEDIA: Foam, Dry Chemical, CO^2 and/or Water Fog

UNUSUAL FIRE AND EXPLOSION HAZARDS:

During a fire, irritating and toxic gases and smoke are present from decomposition. Isolate from heat, sparks and open flames. Closed containers may burst when exposed to extreme heat. Vapors form an explosive mixture in air between the upper and lower explosive limits.

FIRE FIGHTING PROCEDURES: Full emergency equipment with self-contained breathing apparatus should be worn by firefighters.