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: 9-16-86

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

SECTION I—PRODUCT IDENTIFICATION

PRODUCT FORMULA: 3-1X-7

PRODUCT NAME: URAFILM TFE GRAY

PRODUCT CHEMICAL FAMILY: POLYTETRAFLOURD ETHYLENE

SECTION II—HAZARDOUS INGREDIENTS

INGREDIENTS	CAS NUMBER	EXPOSURE LIMITS IN AIR		IARC, NTP OSHA HAZARD EVALUATION
		OSHA PEL	ACGIH TLV	
POLYTETRAFLOURD ETHYLENE	9002-84-0	15mg/m^3	10mg/m^3	NON-CARCINOGENIC
EPOXY	25068-38-6	5 ppm	2 ppm	EPICHLORMYDRIN-CARCINOGEN, IARC V.11 Page 131
AZELAIC ACID	123-99-9	Not Est.	NOt Est.	NON-CARCINOGENIC
TITANIUM DIOXIDE	1314-13-2	15mg/m^3	5 mg/m^3	NON-CARCINOGENIC
BARYTES	7727-47-7	15 mg/m^3	10 mg/m^3	NON-CARCINOGENIC
LUMINA	1344-28-7	5 mg/m^3	10 mg/m^3	NON-CARCINOGNEIC
ETHYL 3-ETHOXY PROPIONATE	763-69-0	Not Est.	Not Est.	NON-CARCINOGENIC IRRITANT; MILDLY TOXIC
METHYL NORMAL AMYL KETONE	110-43-0	100 ppm	100 ppm	NON-CARCINOGENIC NARCOTIC
METHYL ETHYL KETONE	78-93-3	200 ppm	200 ppm	NON-CARCINOGENIC NARCOTIC
CARBON BLACK	1333-86-4	3.5 mg/m^3	3.5 mg/m^3	NON-CARCINOGENIC
YELLOW IRON OXIDE	12259-21-1	10mg/m^3	5 mg/m^3	NON-CARCINOGENIC

SECTION III—PHYSICAL DATA

BOILING POINT: 175°F

SPECIFIC GRAVITY: 1.21

VAPOR DENSITY (AIR = 1): HEAVIER

% VOLATILE BY VOLUME: 56%

SOLUBILITY IN WATER: NEGLIGIBLE

EVAPORATION RATE: (BUTYL ACETATE = 1) SLOWER

VAPOR PRESSURE: @20°C 70 mm.Hg.

SECTION IV—FIRE AND EXPLOSIVE HAZARD DATA

FLASH POINT: 20 °F. TCC LEL: 1.05 % by Volume UEL: 10.0 % 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 burs when exposed to extreme heat. Vapors form an explosive mixture in air between the upper and lower explosive limits.

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