

M.S.D.S SHEET

SECTION 1- PRODUCT NAME:

TOPCOAT 1 (TC-1) PRODUCT CODE: R1 HMIS CODES: H F R P, 100B

SECTION 2 – HAZARDOUS INGREDIENTS/SARA III INFORMATION

NO REPORTABLE QUANTITIES OF HAZARDOUS INGREDIENTS ARE PRESENT NO TOXIC CHEMICALS SUBJECT TO THE REPORTING REQUIREMENTS OF SECTION 313 OF THE TITLE III AND 40 CFR 372 IS PRESENT

SECTION 3 PHYSICAL/ CHEMICAL CHARACTERISTICS

BOILING POINT: 100C/212F (WATER) SPECIFIC GRAVITY (H20=1) VAPOR DENSITY: HEAVIER THAN AIR EVAPORATION RATE: SLOWER THAN EITHER MATERIAL V.O.C: 0.40 LB/GL (48G/L) SOLUBILITY IN WATER: COMPLETE APPEARANCE AND ODOR: VISCOUS LIQUID WITH SLIGHT AMMONIA ODOR.

SECTION 4 –FIRE AND EXPLOSION HAZARD DATA

FLASH POINT: _____ METHOD USED: _____ EXTINGUISHING MEDIA: NONE UNKNOWN FLAMABLE LIMITS IN AIR BY VOLUME- LOWER: 3.2% UPPER N/A SPECIAL FIRE FIGHTING PROCEDURES: NONE UNUSUAL FIRE AND EXPLOSION HAZARD: PRODUCT WILL NOT BURN BUT MAY SPATTER IF TEMPERATURE EXCEEDS BOILING POINT.POLYMER FILMS ARE CAPABLE OF BURNING GIVING OFF OXIDES OF CARBON/NITROGEN.

SECTION 5- REACTIVITY DATA

STABILITY: STABLE CONDITIONS TO AVOID: FREEZING TEMPERATURES. INCOMPATIBILITY (MATERIALS TO AVOID): NONE KNOWN. HAZARDOUS POLYMERIZATION: WILL NOT OCCUR

SECTION 6 – HEALTH HAZARD DATA

INHALATION HEALTH RISKS AND SYMPTOMS OF EXPOSURE ADVERSE HEALTH EFFECTS FROM VAPORS OR SPRAY MISTS IN POORLY VENTILATED AREAS MAY INCLUDE IRRITATION OF THE NOSE. THROAT AND RESPIRATORY TRACT IRRITATION MAY ALSO OCCUR. HEADACHES AND NAUSEA MAY ALSO OCCUR. SKIN AND EYE CONTACT HEALTH RISKS AND SYMPTOMS OF EXPOSURE PROLONGED OR REPEATED CONTACT WITH PRODUCT MAY CAUSE SKIN IRRITATION. DIRECT CONTACT WITH PROLONGED MAY RESULT IN EYE IRRITATION. SKIN ABSORPTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE NOT LIKELY TO BE ABSORBED THROUGH THE SKIN. INGESTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE INGESTION MAY CAUSE IRRITATION AND DAMAGE TO MUCUS MEMBRANES. HEALTH HAZARDS (ACUTE AND CHRONIC) SKIN, NOSE, THROAT, AND RESPIRATORY IRRITATION MAY RESULT FROM OVEREXPOSURE.

SECTION 7 – PRECAUTIONS FOR SAFE HANDLING AND USE

ELIMINATE ALL SOURCES OF IGNITION. DIKE AND CONTAIN SPILL WITH INERT MATERIAL. TRANSFER LIQUID TO CONTAINERS. KEEP SPILLS AND RUNOFFS OUT OF MUNICIPAL SEWERS AND OPEN BODIES OF WATER. WASTE DISPOSAL METHOD OBEY RELEVANT LOCAL, STATE, AND FEDERAL LAWS. DO NOT CONTAMINATE ANY LAKES, PONDS, STREAMS OR UNDERGROUND WATER SUPPLIES. TREAT AS HAZARDOUS WASTE. DISPOSE OF IN ACCORDANCE WITH FEDERAL, STATE AND LOCAL REGULATIONS. PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING AVOID FREEZING, CONTACT WITH MICROORGANISMS, KEEP CONTAINER CLOSED WHEN NOT IN USE. CAUTION: MAY BE HARMFUL IF SWALLOWED, BREATHING VAPOR OR MIST MAY BE HARMFUL. USE WITH ADEQUATE VENTILATION. AVOID EYE AND SKIN CONTACT.

SECTION 8 – CONTROL MEASURES

RESPIRATORY PROTECTION IF EXPOSURE EXCEEDS PERMISSIBLE EXPOSURE LIMITS, USE APPROPRIATE MIOOSH APPROVED RESPIRATORY EQUIPMENT. VENTILATION LOCAL EXHAUST RECOMMENDED. MECHANICAL VENTILATION RECOMMENDED. PROTECTIVE GLOVES TO MINIMIZE SKIN CONTACT. EYE PROTECTION CHEMICAL SPLASH GOGGLES OR SAFETY GLASSES OR FACE SHIELD. OTHER PROTECTIVE CLOTHING OR EQUIPMENT EYE WASH FOUNTAIN, SAFETY SHOWER, WORK HYGENIC PRACTICES WASH HANDS BEFORE EATING.

SECTION 9 - DISCLAIMER

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