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MATERIAL SAFETY DATA SHEET**SECTION I****COMMON NAME(S):** Turbo X, TXBK**CHEMICAL NAME(S) AND SYNONYM(S):** INDUSTRIAL COATING**CHEMICAL FAMILY:** N/A**FORMULA:** Complex Mixture**EMERGENCY PHONE:** (Chemtrec) 1-800-424-9300**INFORMATION PHONE:** 951-304-0498**DATE PREPARED:** 6/27/2003 (Update)**SECTION II****HAZARDOUS INGREDIENTS**

COMPONENT	CAS#	CONCENTRATIONS
XYLENE ACGIH TLV: 100 PPM OSHA PEL: 100 PPM	1330-20-7 (TECHNICAL GRADE XYLENE CONTAINS 18-20% ETHYL BENZENE CAS# 100-41-4 AND IS SUBJECT TO REPORTING REQUIREMENTS	>10% SARA TITLE III)
CRYSTALLINE SILICA ACGIH TLV: .1 mg/m3 OSHA PEL: .1 mg/m3	14808-60-7	>1%
ISOBUTYL ALCOHOL ACGIH TLV: 50 PPM OSHA PEL: 500 PPM	78-83-1	>5%
METHANOL ACGIH TLV: 50 PPM OSHA PEL: 500 PPM	67-56-1	<1%
MOLYBDENUM DISULFIDE ACGIH TLV: 10 mg/m3 OSHA PEL: 10 mg/m3	1317-33-5	<10%
COPPER CHROMITE BLACK SPINEL Copper dusts and mists (as Cu) OSHA PEL: 1 MG/M3 ACGIH TLV: 1 MG/M3 SARA TITLE 313: YES	68186-91-7	>15%

NOTE: XYLENE IS CONSIDERED BY SOME AUTHORITIES TO BE A CARCINOGEN

SECTION III**PHYSICAL CHARACTERISTICS****FLASH POINT:** 76F**BOILING POINT:** 172-355 F.**VAPOR DENSITY (AIR = 1) :** <1**VAPOR PRESSURE:** NOT ESTABLISHED**MELTING POINT:** NOT APPLICABLE**APPEARANCE AND ODOR:** COLORED LIQUID/SOLVENT SMELL**SOLUBILITY IN WATER:** POOR**REACTIVITY IN WATER:** NONE**VOC'S:** 750 GRAMS/L**SHIPPING:** Class 3, Flammable Liquid UN1263, Packing Group III**SECTION IV****FIRE AND EXPLOSION HAZARD DATA****FLASH POINT:** 76 F.**FLAMMABLE LIMITS:**

LEL- NOT ESTABLISHED

UEL- NOT ESTABLISHED

DOT: FLAMMABLE LIQUID

EXTINGUISHING MEDIA: FOAM, ALCOHOL FOAM, CO2, DRY CHEMICAL

SPECIAL FIRE FIGHTING PROCEDURES: USE FULL PROTECTIVE EQUIPMENT, INCLUDING SELF CONTAINED BREATHING APPARATUS

UNUSUAL FIRE AND EXPLOSION HAZARDS: DURING EMERGENCY CONDITIONS, OVEREXPOSURE TO DECOMPOSITION PRODUCTS MAY CAUSE A HEALTH HAZARD. SYMPTOMS MAY NOT BE IMMEDIATELY APPARENT. OBTAIN MEDICAL ATTENTION

SECTION V

REACTIVITY DATA

STABILITY: STABLE

INCOMPATIBILITY (MATERIALS TO AVOID) : CONTACT WITH STRONG OXIDIZING AGENTS, ACIDS OR BASES

HAZARDOUS DECOMPOSITION PRODUCTS: CARBON MONOXIDE AND UNIDENTIFIED ORGANICS MAY BE FORMED

HAZARDOUS POLYMERIZATION: WILL NOT OCCUR

CONDITIONS TO AVOID: NONE

SECTION VI

HEALTH HAZARD DATA

ROUTES OF ENTRY:

INHALATION? YES

SKIN? YES

INGESTION? YES

TOXICITY (ACUTE AND CHRONIC)

METHANOL (CAS# 67-56-1) IS A SKIN, EYE AND INHALATION IRRITANT. IT IS TOXIC ORALLY AND POSSESSES NARCOTIC PROPERTIES. TOXIC EFFECTS MANIFESTED IN THE CENTRAL NERVOUS SYSTEM AND PARTICULARLY IN THE OPTIC NERVE. METHANOL IS A CUMULATIVE POISON. SEVERE EXPOSURE TO METHANOL CAN CAUSE DIZZINESS, UNCONSCIOUSNESS, SIGNING RESPIRATION, CARDIAC DEPRESSION AND EVENTUAL DEATH. LESS SEVERE EXPOSURE TO METHANOL CAN CAUSE BLURRING OF VISION, PHOTOPHOBIA, CONJUNCTIVITIS, EYE LESIONS, HEADACHE, GASTROINTESTINAL DISTURBANCES, DIZZINESS AND A FEELING OF INTOXICATION. DEATH FROM INGESTION OF LESS THAN 30ml HAS BEEN REPORTED. USUAL FATAL DOSE IS 100-250 ml. CARCINOGENICITY: NTP-NO IARC-NO OSHA-NO

MOLYBDENUM COMPOUNDS MAY BE SLIGHTLY IRRITATING.
CARCINOGENICITY: NPT-NO IARC-NO OSHA-NO

CHRONIC OVEREXPOSURE TO XYLENE (CAS# 1330-20-7) HAS BEEN SUGGESTED TO CAUSE CARDIAC ABNORMALITIES IN HUMANS.

HEALTH HAZARDS:

EYES: SEVERE IRRITATION, REDNESS, TEARING AND BLURRED VISION

SKIN: PROLONGED OR REPEATED CONTACT CAN CAUSE MODERATE IRRITATION, DEFATTING AND DERMATITIS

INHALATION: EXCESSIVE INHALATION OF VAPORS CAN CAUSE NASAL

AND RESPIRATORY IRRITATION, DIZZINESS, HEADACHE, POSSIBLE UNCONSCIOUSNESS, DEATH

INGESTION: CAN CAUSE GASTROINTESTINAL IRRITATION, NAUSEA, VOMITING, AND DIARRHEA. ASPIRATION OF THE MATERIAL INTO THE LUNGS CAN CAUSE CHEMICAL PNEUMONITIS WHICH CAN BE FATAL

EMERGENCY AND FIRST AID:

EYES: IMMEDIATELY FLUSH WITH PLENTY OF WATER, CALL A PHYSICIAN
(FLUSH FOR AT LEAST 15 MIN., INCLUDING UNDER EYELIDS)

SKIN: WASH WITH WATER. REMOVE CONTAMINATED CLOTHING IF IRRITATION OCCURS GET MEDICAL ATTENTION

INHALATION: REMOVE INDIVIDUAL TO FRESH AIR. ADMINISTER OXYGEN IF
BREATHING IS DIFFICULT. CALL A PHYSICIAN

INGESTION: CALL A PHYSICIAN IMMEDIATELY. ONLY INDUCE VOMITING AT THE INSTRUCTION OF A PHYSICIAN

* INTENTIONAL MISUSE BY DELIBERATE CONCENTRATING AND INHALING THE CONTENTS MAY BE HARMFUL OR FATAL

SECTION VII

SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: CLEAN SPILL WITH ABSORBENT MATERIAL, ELIMINATE IGNITION SOURCES, WEAR PROTECTIVE GLOVES, GOGGLES AND MASK

WASTE DISPOSAL METHOD: DISPOSAL SHOULD BE MADE IN ACCORD WITH FEDERAL, STATE AND LOCAL REGULATIONS.

OTHER PRECAUTIONS: CONTACT LENSES POSE A SPECIAL HAZARD; SOFT LENSES MAY ABSORB ALL LENSES CONCENTRATE

IRRITANTS

SECTION VIII

SPECIAL PROTECTION / CONTROL MEASURES:

RESPIRATORY PROTECTION: USE NIOSH APPROVED RESPIRATOR IF TWA/TLV LIMITS ARE EXCEEDED

VENTILATION:

LOCAL EXHAUST: USE TO MAINTAIN BELOW TWA LIMITS

MECHANICAL: USE NON-SPARKING EQUIPMENT

PROTECTIVE GLOVES: CHEMICAL RESISTANT

EYE PROTECTION: SAFETY GLASSES WITH SIDE SHIELDS OR GOGGLES

OTHER PROTECTIVE EQUIPMENT: WEAR PROTECTIVE CLOTHING, CHEMICAL RESISTANT OR OTHER PROTECTIVE OUTERWEAR, AVOID CONTACT WITH SKIN OR EYES

WORK / HYGIENIC PRACTICES: WASH THOROUGHLY AFTER HANDLING PRODUCT AND BEFORE EATING, DRINKING OR SMOKING

SECTION IX

SPECIAL PRECAUTIONS

HANDLING AND STORAGE: STORE IN A COOL DRY PLACE, SUITABLE FOR OSHA CLASS 1 FLAMMABLE LIQUIDS

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