

**TECH LINE COATINGS, INC.**

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**MATERIAL SAFETY DATA SHEET****SECTION I****COMMON NAME(S):** , CHK**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:** 3/4/98**SECTION II****HAZARDOUS INGREDIENTS**

<b>COMPONENT</b>	<b>CAS#</b>	<b>CONCENTRATIONS</b>
XYLENE ACGIH TLV: 100 PPM OSHA PEL: 100 PPM	1330-20-7 (TECHNICAL GRADE XYLENE CONTAINS 16-20% ETHYL BENZENE CAS# 100-41-4 AND IS SUBJECT TO REPORTING REQUIREMENTS SARA TITLE III )	>10%
ISOBUTYLALCOHOL ACGIH TLV: 50 PPM OSHA PEL: 500 PPM	78-83-1	>10%
CRYSTALLINE SILICA ACGIH TLV: .1 mg/m <sup>3</sup> OSHA PEL: .1 mg/m <sup>3</sup>	14808-60-7	>1%
ETHANOL ACGIH TLV: .1000 PPM OSHA PEL: .1900 PPM	064-175	<1%

NOTE: XYLENE, ARE CONSIDERED BY SOME AUTHORITIES TO BE CARCINOGENS

**SECTION III****PHYSICAL CHARACTERISTICS****FLASH POINT:** 79F**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**SECTION IV****FIRE AND EXPLOSION HAZARD DATA****FLASH POINT:** 79 F.**FLAMMABLE LIMITS:**

LEL- NOT ESTABLISHED

UEL- NOT ESTABLISHED

**DOT:** FLAMMABLE LIQUID**EXTINGUISHING MEDIA:** FOAM, ALCOHOL FOAM, CO<sub>2</sub>, 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 )**

CHRONIC (LONG TERM) EXPOSURE, IN LABORATORY ANIMALS, TO THIS MATERIAL (OR IT'S COMPONENTS) HAS BEEN FOUND TO CAUSE THE FOLLOWING EFFECTS;ANEMIA, LIVER ABNORMALITIES, KIDNEY, LUNG AND SPLEEN DAMAGE.

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**

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

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