

TECH LINE COATINGS, INC.



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MATERIAL SAFETY DATA SHEET

SECTION I

COMMON NAME(S): WBX
CHEMICAL NAME(S) AND SYNONYM(S): High Heat Coating
CHEMICAL FAMILY: Water Emulsion
FORMULA: Complex Mixture
EMERGENCY PHONE: (Chemtrec) 1-800-424-9300
INFORMATION PHONE: 951-304-0498
DATE PREPARED: 7/1/03 (Update)

SECTION II

HAZARDOUS INGREDIENTS **CAS#** **CONCENTRATIONS**

Copper Chromite Black Spinel 68186-91-7 >50%
Copper dusts and mists (as Cu)
OSHA PEL: 1 MG/M3
ACGIH TLV: 1 MG/M3
SARA TITLE 313: YES

PHOSPHATE/CHROMATE SOLUTION 92203-02-6 >15%
(Less than 1.5 % of total weight is CrO3)
PEL: 1mg/M3
TLV: .05 mg/M3

NOTE: The National Toxicology program lists chromium and certain chromium compounds to be carcinogenic.

XYLENE (PART #B) 1330-20-7 >6%
ACGIH TLV: 100 PPM (TECHNICAL GRADE XYLENE CONTAINS 18-20% ETHYL BENZENE CAS# 100-41-4 AND IS SUBJECT TO REPORTING REQUIREMENTS SARA TITLE III)
OSHA PEL: 100 PPM

NOTE: TOLUENE, XYLENE, MINERAL SPIRITS (1), HIGH FLASH NAPTHAS , ARE CONSIDERED BY SOME AUTHORITIES TO BE CARCINOGENS

SECTION III

PHYSICAL CHARACTERISTICS

BOILING POINT: Part A > 212 F. Part B 212 F.
VAPOR DENSITY (AIR = 1) : <1
% VOLATILE VOLUME: 59.7%
APPEARANCE AND ODOR: PART#A CLOUDY BLACK LIQUID, PART# B WHITE LIQUID SOLVENT SMELL
SOLUBILITY IN WATER: APPRECIABLE
VOC'S: <1 LB PER GALLON
SHIPPING: NON-HAZARDOUS (Part A) **Flammable Liquid UN1263 (Part B)**

SECTION IV

FIRE AND EXPLOSION HAZARD DATA

FLASH POINT: Part A N/A Part B 93 F.
EXTINGUISHING MEDIA: USE SAND OR CARBON DIOXIDE
SPECIAL FIRE FIGHTING PROCEDURES: SPECIAL FIRE FIGHTING PROCEDURES: USE FULL PROTECTIVE EQUIPMENT, INCLUDING SELF CONTAINED BREATHING APPARATUS

UNUSUAL FIRE AND EXPLOSION HAZARDS: CONTACT WITH ALKALIS, STRONG REDUCING OR OXIDIZING AGENT MAY PRODUCE HYDROGEN GAS, CAUSING FIRE OR EXPLOSION HAZARD.

SECTION V

REACTIVITY DATA

STABILITY: STABLE
INCOMPATIBILITY (MATERIALS TO AVOID) : CONTACT WITH OXIDIZING AGENTS, ALKALIS OR STRONG REDUCING AGENTS
HAZARDOUS POLYMERIZATION: WILL NOT OCCUR

SECTION VI

HEALTH HAZARD DATA

ROUTES OF ENTRY:

INHALATION ? YES

SKIN ? YES

INGESTION ? YES

CARCINOGENICITY:

NTP, OSHA ? CHROMIUM AND CERTAIN CHROMIUM COMPOUNDS ARE LISTED

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

TOXICOLOGICAL INFORMATION: PIGMENT

ACUTE TOXICITY

LD50/ORAL/RAT: >10,000MG/L (6)

LD50/INHAL/RAT >11.1 MG/L (5)

SENSITIZING: NONE EXPECTED

PRIMARY SKIN IRRITATION/RABBIT NO DATA AVAILABLE

PRIMARY MUCOUS MEMBRANE IRRITATION/RABBIT EYES: NO DATA AVAILABLE

CARCINOGENICITY: NTP NO, IARC: NO, OSHA REGULATED: NO

HEALTH HAZARDS:

EYES: CAUSES SEVERE IRRITATION

SKIN: CAUSES MILD SKIN IRRITATION, DRYING OF SKIN

INHALATION: MAY CAUSE DRYING OF NASAL AND RESPIRATORY TISSUE

INGESTION: HARMFUL IF SWALLOWED, CAUSING VOMITING, NAUSEA, DIARRHEA

EMERGENCY AND FIRST AID:

EYES: IMMEDIATELY FLUSH WITH PLENTY OF WATER, CALL A PHYSICIAN

SKIN: WASH WITH WATER. REMOVE CONTAMINATED CLOTHING

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

INGESTION: GIVE LARGE AMOUNTS OF WATER FOLLOWED BY MILK OF MAGNESIA. CALL A PHYSICIAN IMMEDIATELY

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE: RESPIRATORY, DERMAL AILMENTS

SECTION VII

SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: CLEAN SPILL WITH ABSORBENT MATERIAL. NEUTRALIZE WITH SODIUM BICARBONATE. DO NOT USE STRONG ALKALIS.

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

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: RUBBER ACID PROOF

EYE PROTECTION: SAFETY GLASSES WITH SIDE SHIELDS OR GOGGLES

OTHER PROTECTIVE EQUIPMENT: WEAR PROTECTIVE CLOTHING, ACID PROOF

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

SECTION IX

REGULATORY INFORMATION

REGULATORY INFORMATION

U.S. FEDERAL REGULATIONS:

THIS PRODUCT CONTAINS A TOXIC CHEMICAL OR CHEMICALS SUBJECT TO THE REPORTING REQUIREMENTS OF SECTION 313 OF TITLE III OF THE SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT OF 1986 AND 40 CFR 372. SEE SECTION 2, LIST LEGEND 02.

OSHA STANDARD 29 CFR 1910.1200 REQUIRES THAT INFORMATION BE PROVIDED TO EMPLOYEES REGARDING THE HAZARDS OF CHEMICALS BY MEANS OF A HAZARD COMMUNICATION PROGRAM INCLUDING LABELING, MATERIAL SAFETY DATA SHEETS, TRAINING AND ACCESS TO WRITTEN RECORDS. WE REQUEST THAT YOU, AND IT IS YOUR LEGAL DUTY TO, MAKE ALL INFORMATION IN THIS MATERIAL SAFETY DATA SHEET AVAILABLE TO YOUR EMPLOYEES.

TO AID OUR CUSTOMERS IN COMPLYING WITH REGULATORY REQUIREMENTS, SARA TITLE III HAZARD CATEGORIES FOR THIS PRODUCT ARE INDICATED BELOW. IF THE WORD "YES" APPEARS NEXT TO ANY CATEGORY, THIS PRODUCT MAY BE REPORTABLE BY YOU UNDER THE REQUIREMENTS OF 40. CFR. 370.

PLEASE CONSULT THOSE REGULATIONS FOR DETAILS.

CHROMIC ACID

TSCA:

ALL COMPONENTS OF THIS PRODUCT THAT ARE REQUIRED TO BE ON THE TSCA INVENTORY ARE LISTED ON THE INVENTORY.

SARA/TITLE III HAZARD CATEGORIES:

IMMEDIATE (ACUTE) HEALTH: *YES* REACTIVE HAZARD *NO*
DELAYED (CHRONIC) HEALTH: *YES* SUDDEN RELEASE OF PRESSURE *NO*
FIRE HAZARD: *YES*

HMS HAZARD RATINGS:

HEALTH HAZARD: *3** FIRE HAZARD: *0* REACTIVITY: *1*

WARNING: THIS PRODUCT CONTAINS A CHEMICAL KNOWN TO THE STATE OF CALIFORNIA TO CAUSE CANCER.

INTERNATIONAL REGULATIONS:

CONSULT THE REGULATIONS OF THE IMPROTING COUNTRY.

CANADA:

WHMIS HAZARD CLASS: C, D1A, D2A, E

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