

**TECH LINE COATINGS, INC.**



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**MATERIAL SAFETY DATA SHEET**

**SECTION I**

**COMMON NAME(S):** WSX, (TLWS)

**CHEMICAL NAME(S) AND SYNONYM(S):** N/A

**CHEMICAL FAMILY:** REFRACTORY METAL SULFIDE

**FORMULA:** N/A

**EMERGENCY PHONE:** (Chemtrec) 1-800-424-9300

**INFORMATION PHONE:** 951-304-0498

**DATE PREPARED:** 5/1/2002 (update)

**SECTION II**

**HAZARDOUS INGREDIENTS**

<u>COMPONENT</u>	<u>CAS#</u>	<u>CONCENTRATIONS</u>
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**SPECIFIC IDENTITY WITHHELD AS TRADE SECRET**

**ACGIH TLV:** 5mg/m<sup>3</sup>

**OSHA PEL:** 5mg/m<sup>3</sup>

**SECTION III**

**PHYSICAL CHARACTERISTICS**

**BOILING POINT:** NOT APPLICABLE.

**VAPOR DENSITY ( AIR = 1 ) :** NOT APPLICABLE

**VAPOR PRESSURE:** NOT APPLICABLE

**MELTING POINT:** NOT APPLICABLE

**APPEARANCE AND ODOR:** GRAY BLACK NO ODOR

**SOLUBILITY IN WATER:** INSOLUBLE

**REACTIVITY IN WATER:** NOT APPLICABLE

**VOC'S:** 0

**SECTION IV**

**FIRE AND EXPLOSION HAZARD DATA**

**FLASH POINT:** NOT APPLICABLE.

**FLAMMABLE LIMITS:** NOT APPLICABLE

**LEL-**

**UEL-**

**DOT:** NO LABELING REQUIRED

**EXTINGUISHING MEDIA:** NO FIRE HAZARD

**SPECIAL FIRE FIGHTING PROCEDURES:** USE FULL PROTECTIVE EQUIPMENT, INCLUDING SELF CONTAINED BREATHING APPARATUS TO PREVENT INHALATION OF DUST OR FUMES THAT MAY BE GENERATED DURING FIRE FIGHTING ACTIVITIES

**UNUSUAL FIRE AND EXPLOSION HAZARDS:** NONE

**SECTION V**

**REACTIVITY DATA**

**STABILITY:** STABLE

**INCOMPATIBILITY ( MATERIALS TO AVOID ) :** CONTACT WITH STRONG ACIDS MAY GENERATE HYDROGEN SULFIDE

**HAZARDOUS DECOMPOSITION PRODUCTS:** OXIDES OF SULFUR MAY BE EVOLVED AT EXTREME TEMPERATURES

**HAZARDOUS POLYMERIZATION:** WILL NOT OCCUR

**CONDITIONS TO AVOID:** NOT APPLICABLE

## **SECTION VI**

### **HEALTH HAZARD DATA**

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#### **ROUTES OF ENTRY:**

INHALATION ? YES

SKIN ? YES

INGESTION ? YES

#### **TOXICITY (ACUTE AND CHRONIC )**

DUST INHALATION MAY CAUSE MILD IRRITATION OF NOSE AND THROAT. WITH THE EXCEPTION OF TWO RUSSIAN STUDIES THAT FOUND EARLY SIGNS OF PULMONARY FIBROSIS IN SOME WORKERS EXPOSED TO THIS MATERIAL IN ITS VARIOUS FORMS, MOST STUDIES HAVE SHOWN SUCH COMPOUNDS TO BE TOXICOLOGICALLY INERT. THIS MATERIAL HAS NOT BEEN IDENTIFIED AS A KNOWN OR SUSPECTED CARCINOGEN  
CARCINOGENICITY NTP-NO IARC-NO OSHA-NO

#### **HEALTH HAZARDS:**

EYES: IRRITATION, REDNESS, TEARING AND BLURRED VISION

SKIN: MILD IRRITATION DUE TO ABRASIVE ACTION

INHALATION: MAY CAUSE MILD IRRITATION OF NOSE AND THROAT

INGESTION: NO ADVERSE EFFECTS ARE LIKELY FROM INGESTING SMALL AMOUNTS OF MATERIAL

#### **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 SOAP AND WATER. REMOVE CONTAMINATED CLOTHING IF IRRITATION PERSISTS GET MEDICAL ATTENTION

**INHALATION:** IF ANY SYMPTOMS OF PULMONARY INVOLVEMENT DEVELOP, REMOVE FROM EXPOSURE AND SEEK MEDICAL ATTENTION

**INGESTION:** IF SUBSTANTIAL QUANTITIES ARE SWALLOWED, GIVE PERSON ( IF CONSCIOUS ) A LARGE QUANTITY OF WATER TO DRINK, INDUCE VOMITING AND SEEK MEDICAL ATTENTION

## **SECTION VII**

### **SPILL OR LEAK PROCEDURES**

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**STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:** VENTILATE AREA OF SPILL, CLEAN UP USING METHODS WHICH AVOID DUST GENERATION. WET DUST MOP OR WET CLEAN UP. USE NIOSH RESPIRATOR IF DUST GENERATED

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

**OTHER PRECAUTIONS:** AVOID GENERATION OF DUST

## **SECTION VIII**

### **SPECIAL PROTECTION / CONTROL MEASURES:**

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**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:** GLOVES RECOMMENDED IF CONTACT IS LIKELY

**EYE PROTECTION:** SAFETY GLASSES WITH SIDE SHIELDS OR GOGGLES

**OTHER PROTECTIVE EQUIPMENT:** ADEQUATE TO AVOID SKIN CONTACT

**WORK / HYGIENIC PRACTICES:** WASH THOROUGHLY AFTER HANDLING PRODUCT AND BEFORE EATING, DRINKING OR SMOKING. DO NOT SHAKE DUST FROM CLOTHES

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