

fn H1

MATERIAL SAFETY DATA SHEET

SECTION I

BAR'S LEAK.

IDENTITY: BAR'S RUST

MANUFACTURER'S NAME: Fre-Bar, Inc.

ADDRESS: 720 West Rose Street
Holly, MI 48442

EMERGENCY TELEPHONE NUMBER: 313-634-8278

TELEPHONE NUMBER FOR INFORMATION: 313-634-8278

DATE PREPARED: January 4, 1988

SECTION II - HAZARDOUS INGREDIENTS/IDENTITY INFORMATION

HAZARDOUS COMPONENTS	OSHA PEL	ACGIH TLV
Water Soluble Oil	5mg/m ³ as oil mist	5mg/m ³ as oil mist

The specific formula is proprietary. Additional information will be released to medical professionals, and others, upon request as specified in the federal Hazard Communication Standard.

SECTION III - PHYSICAL/CHEMICAL CHARACTERISTICS

BOILING POINT: Broad range from 100 to 850 degrees Centigrade.

VAPOR PRESSURE (mm Hg): N/I

VAPOR DENSITY (AIR = 1): N/I

SPECIFIC GRAVITY (WATER = 1): 0.92

MELTING POINT: N/A

EVAPORATION RATE (BUTYL ACETATE = 1): N/I

SOLUBILITY IN WATER: Forms an emulsion with water.

APPEARANCE AND ODOR: Chocolate colored liquid containing suspended solids.

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (METHOD USED): Greater than 300 degrees Fahrenheit - COC.

FLAMMABLE LIMITS: LEL: N/I UEL: N/I

EXTINGUISHING MEDIA: Treat as a petroleum fire. Use water fog, foam, dry chemical, or carbon dioxide.

SPECIAL FIRE FIGHTING PROCEDURES: Wear a self contained breathing apparatus to protect against oxygen deficiency and toxic gases which may be formed as the material burns.

UNUSUAL FIRE AND EXPLOSION HAZARDS: When heated above the flash point, flammable vapors will be released which may burn in open areas or produce an explosive mixture with air in a confined area.

SECTION V - REACTIVITY DATA

STABLE-CONDITIONS TO AVOID: Heating above the flash point.

INCOMPATIBILITY (MATERIALS TO AVOID): Strong oxidizing agents, nitrites, and acids.

HAZARDOUS DECOMPOSITION OR BYPRODUCTS: Carbon monoxide, carbon dioxide, oxides of nitrogen, and oxides of sulfur will be produced if the material burns.

HAZARDOUS POLYMERIZATION WILL NOT OCCUR-CONDITIONS TO AVOID: N/A

SECTION VI - HEALTH HAZARD DATA

ROUTE(S) OF ENTRY: INHALATION: Yes SKIN: Yes INGESTION: Yes

HEALTH HAZARDS (ACUTE AND CHRONIC): Eye contact may cause severe eye irritation. Skin contact may cause skin irritation. Prolonged skin contact may cause more serious skin disorders. Inhalation of oil mist may cause respiratory tract irritation and chemical pneumonia. If swallowed, may cause gastrointestinal disturbances.

CARCINOGENICITY: NTP: No IARC MONOGRAPHS: No OSHA REGULATED: No

SIGNS AND SYMPTOMS OF EXPOSURE: EYES - Irritation, pain, reddening, and swelling. SKIN - Irritation, itching, pain, reddening, and swelling of affected skin. INHALATION - Irritation and pain of the throat and upper respiratory tract, coughing, difficulty breathing, and flu-like symptoms. INGESTION - Gastrointestinal distress and nausea.

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE: People with pre-existing respiratory problems such as asthma and emphysema should avoid the inhalation of oil mists.

EMERGENCY AND FIRST AID PROCEDURES: EYES - Immediately flush with water for 15 minutes. Consult a doctor. SKIN - Immediately flush with water for 15 minutes. Consult a doctor if irritation persists. INHALATION - Move to fresh air. Consult a doctor if respiratory irritation or discomfort continues. INGESTION - DO NOT INDUCE VOMITING - Aspiration of material into the lungs during vomiting may cause chemical pneumonia. CONSULT A DOCTOR IMMEDIATELY.

SECTION VII - PRECAUTIONS FOR SAFE HANDLING AND USE

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: Absorb spilled material using an inert absorbent.

WASTE DISPOSAL METHOD: Dispose of in accordance with applicable local, state, and federal laws.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING: Do not store near incompatible materials or sources of heat. Store as you would any Class IIIB combustible liquid.

OTHER PRECAUTIONS: N/I

SECTION VIII - CONTROL MEASURES

RESPIRATORY PROTECTION: Not required under normal conditions of use. Use a NIOSH approved respirator if the airborne oil mist concentration exceeds the OSHA PEL.

VENTILATION: Not required under normal conditions of use. Ventilate if needed to maintain the airborne oil mist concentration at or below the OSHA PEL.

PROTECTIVE GLOVES: Use impervious rubber gloves to prevent skin contact.

EYE PROTECTION: Use chemical splash goggles or a full faceshield to prevent eye contact.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT: If contact is unavoidable, use other impervious protective clothing.

WORK/HYGIENIC/MAINTENANCE PRACTICES: Wash hands after use. Launder contaminated clothing.

N/I = NO INFORMATION AVAILABLE. N/A = NOT APPLICABLE.