

EDM

MATERIAL SAFETY DATA SHEET

PRODUCT NAME: ~~MASTLICK~~ EDM 250
~~DIELECTRIC OIL~~

HMS CODES: H F R P
1 1 0 B

FINISHED GOODS:
55 GAL = 72550

SECTION 1 - MANUFACTURER IDENTIFICATION

MANUFACTURER'S NAME: ITW FLUID PRODUCTS GROUP
ADDRESS : 3624 West Lake Avenue
Glenview Illinois 60025

EMERGENCY PHONE : 800-424-9300 (CHEMTREC) REVISION DATE: 02/16/98
INFORMATION PHONE : 800-452-5823 SUPERCEDES: 07/19/95
PREPARED BY : Debbie Makita

SECTION 2 - HAZARDOUS INGREDIENTS/SARA III INFORMATION

This product does not contain any chemical subject to the reporting requirements of OSHA's Hazard Communication Standard 1910.1200.

SECTION 3 - PHYSICAL/CHEMICAL CHARACTERISTICS

BOILING POINT: 469°F SPECIFIC GRAVITY (H2O-1): 0.77
VAPOR DENSITY: (AIR = 1): >1 EVAPORATION RATE: (BuAc=1): <1
COATING V.O.C.: 0.00 lb/gl MATERIAL V.O.C.: 0.00 lb/gl
SOLUBILITY IN WATER: Insoluble
VISCOSITY: 2.48 Centistokes at 25°C
1.86 Centistokes at 38°C
32:1 SUS at 100°F

APPEARANCE AND ODOR: Colorless liquid with paraffinic odor

SECTION 4 - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT: 234°F METHOD USED: PMCC
FLAMMABLE LIMITS IN AIR BY VOLUME- LOWER: .5 % UPPER: 4.7 %
EXTINGUISHING MEDIA: Water No, CO2 Yes, ~~dry~~ chemical Yes, ~~foam~~ Yes,
Alcohol foam No.

SPECIAL FIREFIGHTING PROCEDURES: Fire fighters should wear self-contained breathing apparatus in confined areas.

UNUSUAL FIRE AND EXPLOSION HAZARDS: None.

GS.14

GENERAL SAFETY

August 12, 1998 CS-10,20

SECTION 5 - REACTIVITY DATA

STABILITY: Chemically stable.

CONDITIONS TO AVOID: None

INCOMPATIBILITY (MATERIALS TO AVOID): Strong oxidizing agents.

HAZARDOUS DECOMPOSITION OR BYPRODUCTS: Oxides of carbon.

HAZARDOUS POLYMERIZATION: Will not occur.

SECTION 6 - HEALTH HAZARD DATA

INHALATION HEALTH RISKS AND SYMPTOMS OF EXPOSURE: High concentrations of vapors may produce irritation of the respiratory tract, headache, dizziness, and nausea.

SKIN AND EYE CONTACT HEALTH RISKS AND SYMPTOMS OF EXPOSURE: Slight irritation.

SKIN ABSORPTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE: Slight irritant.

INGESTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE: No data.

HEALTH HAZARDS (ACUTE AND CHRONIC):

Acute: Slight irritation.

Chronic: Effects are not known.

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

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE: Skin disorders.

EMERGENCY AND FIRST AID PROCEDURES:

EYES: Flush well with water. Contact a physician if irritation persists.

SKIN: Wash with soap and water.

INHALATION: No emergency care anticipated under normal conditions.

INGESTION: Do not induce vomiting. Contact a physician. If vomiting occurs, keep head below hips to prevent aspiration of liquid into lungs.

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SECTION 7 - PRECAUTIONS FOR SAFE HANDLING AND USE

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: Prevent skin and eye contact. Use non-combustible material to confine and/or absorb. Eliminate ignition sources. Ventilate area.

WASTE DISPOSAL METHOD: Remove to a waste disposal facility operating in compliance with federal, state, and local regulations. Waste rags soaked with product should be disposed of into oily waste cans.

Applicable CERCLA/RCRA Hazardous Waste Codes: None

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE: If mists are generated in the use of this product, then the following values for petroleum oils apply:

---ACGIH: TLV/TWA = 5 mg/m³/8 hr

---OSHA: PEL/TWA = 5 mg/m³/8 hr

---ACGIH: TLV/STEL = 10 mg/m³

If actual mists exceed these values, then an appropriate respirator should be worn.

SECTION 8 - CONTROL MEASURES

RESPIRATORY PROTECTION: None required at normal handling temperatures.

VENTILATION: Local exhaust is recommended for confined areas. General mechanical ventilation is adequate for normal use.

PROTECTIVE GLOVES: Chemical resistant rubber gloves, such as polyvinyl chloride-coated, and other protective gear as required to minimize skin contact.

PROTECTION: Safety glasses. Splash proof goggles.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT: Eye bath and safety shower.

WORK/HYGIENIC PRACTICES: Follow current H.M.I S. regulations.

SECTION 9 - DISCLAIMER

ITW Fluid Products Group bases the information and recommendations in this document on data believed to be correct. No warranty of any kind, however, is made as to the information in this document.