

FOR COATINGS, RESINS AND RELATED MATERIALS

(Approved by U.S. Department of Labor "Essentially Similar" to Form OSHA-20)

DATE OF PREP. 5/9/84

Section I

MANUFACTURER'S NAME DELKOTE DIVISION OF LILLY INDUSTRIAL COATINGS, INC.

STREET ADDRESS 76 S. VIRGINIA AVENUE CITY, STATE, AND ZIP CODE PENNS GROVE, NJ 08069

EMERGENCY TELEPHONE NO. metal lacquer

PRODUCT CLASS LACQUER

MANUFACTURERS CODE IDENTIFICATION AC-5-C5

TRADE NAME DEL-FIX SPRAY LACQUER 10-146

Section II - HAZARDOUS INGREDIENTS

| INGREDIENT             | CAS #s | PERCENT | TLV |                   | LEL  | VAPOR PRESSURE |
|------------------------|--------|---------|-----|-------------------|------|----------------|
|                        |        |         | PPM | mg/M <sup>3</sup> |      |                |
| ISOBUTANE (PROPELLANT) |        | 40      | 600 |                   | 1.9  | 45 P.S.I.      |
| 1,1,1, TRICHLOROETHANE |        | 30      | 350 |                   | 10.5 | 100 MM.        |
| ETHYL ACETATE          |        | 8.2     | 400 |                   | 2.5  | 74 MM.         |
| METHYL ISOBUTYL KETONE |        | 8.1     | 100 |                   | 1.3  | 16 MM.         |
| N-BUTYL ACETATE        |        | 7.0     | 200 |                   | 1.7  | 8 MM.          |
| N-BUTANOL              |        | 3.2     | 100 |                   | 1.4  | 4 MM.          |
| SOPROPANOL             |        | 1.3     | 400 |                   | 2.0  | 31 MM.         |
| PLASTICIZER            |        | <1      | NA  |                   | NA   | NA             |
| CELLULOSE NITRATE      |        | 2.0     | NA  |                   | NA   | NA             |

Section III - PHYSICAL DATA

BOILING RANGE 80 - 180°F VAPOR DENSITY  HEAVIER  LIGHTER THAN AIR

EVAPORATION RATE  FASTER  SLOWER THAN ETHER PERCENT VOLATILE BY WEIGHT 97% WEIGHT PER GALLON 8.0

Section IV - FIRE AND EXPLOSION HAZARD DATA

DOT CATEGORY CONSUMER COMMODITY ORM-D FLASH POINT 90°F (EST) LEL 1.8 (EST)

EXTINGUISHING MEDIA Use National Fire Protection Association (NFPA) Class B extinguishers (carbon dioxide, dry chemical or foam) designed to extinguish NFPA Class 1B flammable liquid fires.

UNUSUAL FIRE AND EXPLOSION HAZARDS: Keep containers tightly closed. Isolate from heat, electrical equipment, sparks and open flame. Closed container may explode when exposed to extreme heat. Do not apply to hot surfaces.

SPECIAL FIRE FIGHTING PROCEDURES Water spray may be ineffective. Water may be used to cool closed containers to prevent pressure buildup and possible autoignition or explosion when exposed to extreme heat. If water is used, fog nozzles are preferable.

## Section V - HEALTH HAZARD DATA

THRESHOLD LIMIT VALUE See Section II

EFFECTS OF OVEREXPOSURE Inhalation: Anesthetic. Irritation of the respiratory tract or acute nervous system depression characterized by headache, dizziness, staggering gait, confusion, unconsciousness or coma.

Skin or Eye Contact: Primary irritation.

EMERGENCY AND FIRST AID PROCEDURES Fumes: Remove from exposure. Restore breathing. Keep warm and quiet. Notify a physician. Splash (eyes): Flush immediately with copious quantities of running water for at least 15 minutes. Take to a physician for definitive medical treatment. Splash (skin): Remove with soap and water. Remove contaminated clothing.

## Section VI - REACTIVITY DATA

STABILITY  UNSTABLE  STABLE

CONDITIONS TO AVOID NA

INCOMPATIBILITY (Materials to avoid) NA

HAZARDOUS DECOMPOSITION PRODUCTS. May produce hazardous fumes when heated to decomposition as in welding. Fumes may contain carbon monoxide and oxides of nitrogen.

HAZARDOUS POLYMERIZATION  MAY OCCUR  WILL NOT OCCUR

CONDITIONS TO AVOID NA

## Section VII - SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED Remove all sources of ignition (flames, hot surfaces, and electrical, static, or frictional sparks). Avoid breathing vapors. Ventilate area. Remove with inert absorbent and non-sparking tools.

DISPOSAL METHOD Dispose of in accordance with local, state and federal regulations. Do not incinerate closed containers.

## Section VIII - SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION In outdoor or open areas use Bureau of Mines approved mechanical filter respirator to remove solid air borne particles of overspray during spray application. In restricted ventilation areas use Bureau of Mines approved chemical-mechanical filters designed to remove a combination of particulate and gas and vapor. In confined areas use Bureau of Mines approved air line type respirators or hoods.

VENTILATION Provide general dilution or local exhaust ventilation in volume and velocity to keep TLV of most hazardous ingredient in Section II below acceptable limit. See Section IV below stated limit, and to remove decomposition products during welding or flame cutting on surfaces coated with this product.

PROTECTIVE GLOVES Required for prolonged or repeated contact.

EYE PROTECTION Use safety eyewear designed to protect against splash of liquids.

OTHER PROTECTIVE EQUIPMENT Prevent prolonged skin contact with contaminated clothing.

## Section IX - SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING Do not store above 120°F. Store large quantities in buildings designed for storage of NFPA Class II flammable liquids.

OTHER PRECAUTIONS Do not take internally. Containers should be grounded when pouring. Avoid free fall of liquid in excess of a few inches. Do not flame cut, braze, or weld without U.S. Bureau of Mines approved respirator or appropriate ventilation.