

DEFT INC CHEMICAL COATING DIV -- MIL-P-85582, LOW DENSITY W/R PR, 44GN036CAT EPOXY --
1560-01-272-3060

===== Product Identification =====

Product ID:MIL-P-85582, LOW DENSITY W/R PR, 44GN036CAT EPOXY

MSDS Date:10/18/1994

FSC:1560

NIIN:01-272-3060

Kit Part:Y

MSDS Number: CFVXP

=== Responsible Party ===

Company Name:DEFT INC CHEMICAL COATING DIV

Address:17451 VON KARMAN AVE

City:IRVINE

State:CA

ZIP:

92714

Country:US

Info Phone Num:714-474-0400

Emergency Phone Num:714-474-0400/800-424-9300(CHEMTREC)

Preparer's Name:MIKE SMITH

CAGE:33461

=== Contractor Identification ===

Company Name:DEFT, INC.

Address:17451 VON KARMAN AVE

City:IRVINE

State:CA

ZIP:92614

Country:US

Phone:949-474-0400

CAGE:33461

Company Name:KITCO INC

Address:1625 N MOUNTAIN SPRINGS PKY

Box:900

City:SPRINGVILLE

State:UT

ZIP:84663-0900

Country:US

Phone:801-489-3627

CAGE:34087

===== Composition/Information on Ingredient

ts =====

Ingred Name:NITROETHANE
CAS:79-24-3
RTECS #:KI5600000
Fraction by Wt: 30%
Other REC Limits:NONE RECOMMENDED
OSHA PEL:100 PPM
ACGIH TLV:100 PPM; 9596

Ingred Name:VOLATILE ORGANIC CONTENT: 345 G/L
RTECS #:9999999VO
Other REC Limits:NONE RECOMMENDED

===== Hazards Identification =====

LD50 LC50 Mixture:LD50 (ORAL, RAT) IS UNKNOWN.
Routes of Entry: Inhalation:YES Skin:YES Ingestion:NO
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health

Hazards Acute and Chronic:INGESTION MAY CAUSE GI TRACT
IRRITATION. EXPOSURE MAY CAUSE SKIN & EYE IRRITATION. INHALATION
MAY CAUSE RESPIRATORY IRRITATION, CNS DEPRESSION. ASPIRATION MAY
CAUSE CHEMICAL PNEUMONITIS. CHRONIC: PROLONGED CONTACT WILL CAUSE
DRYING & CRACKING OF SKIN. SKIN SENSITIZATION, ASTHMA OR OTHER
ALLERGIC RESPONSES MAY DEVELOP.

Explanation of Carcinogenicity:NO INGREDIENT OF A CONCENTRATION OF 0.1%
OR GREATER IS LISTED AS A CARCINOGEN OR SUSPECTED CARCINOGEN.

Effects of Overexposure:INGESTED-IRRITATION/CORROSION OF MOUTH, STOMACH
TISSUE, DIGESTIVE TRACT. SKIN-SWELLING, REDNESS, RASH.
EYES-TEARING, REDNESS, SWELLING, STINGING SENSATION.
INHALED-RESPIRATORY IRRITATION, HEADACHE, DIZZINESS, STAGGERING
GAIT, CONFUSION, UNCONSCIOUSNESS, COMA.

Medical Cond Aggravated by Exposure:ASTHMA AND OTHER RESPIRATORY
DISORDERS, SKIN ALLERGIES, ECZEMA AND DERMATITIS

===== First Aid Measures =====

Firs

First Aid: IN ALL CASES GET PROMPT MEDICAL ATTENTION. EYES-FLUSH WITH WATER FOR 15 MINUTES, LIFT LIDS. SKIN-REMOVE CONTAMINATED CLOTHES. WASH WITH MILD SOAP & WATER. INHALED-REMOVE TO FRESH AIR. GIVE OXYGEN OR ARTIFICIAL RESPIRATION AS NEEDED. INGESTED-DO NOT INDUCE VOMITING! DO NOT GIVE ANYTHING BY MOUTH IF UNCONSCIOUS!

===== Fire Fighting Measures =====

Flash Point Method:TCC

Flash Point:87.0F,30.6C

Lower Limits:3.4

Extinguishing Media:DRY CHEMIC

AL, CARBON DIOXIDE, ALCOHOL FOAM, WATER
FOG.

Fire Fighting Procedures:WEAR SELF-CONTAINED BREATHING APPARATUS AND FULL FIRE FIGHTER'S PROTECTIVE GEAR. USE WATER TO COOL FIRE EXPOSED CONTAINERS.

Unusual Fire/Explosion Hazard:VAPOR IS HEAVIER THAN AIR AND CAN TRAVEL CONSIDERABLE DISTANCE TO A SOURCE OF IGNITION AND FLASH BACK. CONTAINERS MAY RUPTURE DUE TO VAPOR PRESSURE BUILDUP.

===== Accidental Release Measures =====

Spill Release Procedures:EVAC

EVACUATE ALL NON-ESSENTIAL PERSONNEL.

ELIMINATE ALL SOURCES OF IGNITION. VENTILATE AREA. CONTAIN & REMOVE WITH INERT ABSORBENT & NON-SPARKING TOOLS.

Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

===== Handling and Storage =====

Handling and Storage Precautions:STORE IN COOL, DRY, WELL VENTILATED AREA AWAY FROM SOURCES OF IGNITION & INCOMPATIBLE MATERIALS. BOND AND GROUND CONTAINERS WHEN TRANSFERRING LIQUID.

Other Precautions:"EMPTY" CONTAINER

CONTAINERS MAY RETAIN RESIDUE AND CAN BE

DANGEROUS. DO NOT PRESSURIZE, CUT, WELD, BRAZE, SOLDER, DRILL, GRIND OR EXPOSE SUCH CONTAINERS TO HEAT, FLAME, SPARKS. THEY MAY EXPLODE AND CAUSE INJURY/DEATH. KEEP OUT OF REACH OF CHILDREN.

===== Exposure Controls/Personal Protection =====

Respiratory Protection:IF ENGINEERING CONTROLS FAIL OR NON-ROUTINE USE OR AN EMERGENCY OCCURS; WEAR AN MSHA/NIOSH APPROVED RESPIRATOR WITH ORGANIC VAPOR CARTRIDGE OR AN AIR-SUPPLIED RESP

IRATOR OR SCBA, AS

REQUIRED. USE IAW 29 CFR 1910.134.

Ventilation:USE ADEQUATE EXPLOSION-PROOF MECHANICAL VENTILATION OR LOCAL EXHAUST TO MAINTAIN EXPOSURE BELOW TLV(S).

Protective Gloves:COTTON, NEOPRENE, RUBBER RECOMMENDED

Eye Protection:SAFETY GLASSES/GOGGLES RECOMMENDED

Other Protective Equipment:EYE WASH STATION AND SAFETY SHOWER.

INDUSTRIAL-TYPE WORK CLOTHING AND APRON AS REQUIRED.

Work Hygienic Practices:WASH HANDS AFTER HANDLING AND BEFORE EATING, DRINKING, OR SMOKING. L

AUNDER CONTAMINATED CLOTHES BEFORE REUSE.

Supplemental Safety and Health

KEY1:F4. PRODUCT IS PART 7 OF SUBKIT 3. KIT CONTAINS 4 SUBKITS. KIT CONTAINS 14 TOTAL PARTS, MULTIPLE MANUFACTURERS, 1 VENDOR.

===== Physical/Chemical Properties =====

HCC:F2

Boiling Pt:B.P. Text:237F,114C

Vapor Density:>1

Spec Gravity:1.12815

Evaporation Rate & Reference:1.27 (N-BUTYL ACETATE=1)

Solubility in Water:INSOLUBLE

Appearance and Odor:AMBER LIQUID WITH SOLVENT ODOR.

Percent V

olatiles by Volume:32.3

===== Stability and Reactivity Data =====

Stability Indicator/Materials to Avoid:YES

STRONG OXIDIZING AGENTS, STRONG LEWIS OR MINERAL ACIDS.

Stability Condition to Avoid:HIGH TEMPERATURES, SPARKS, OPEN FLAMES.

AVOID UNCONTROLLED REACTIONS WITH AMINES.

Hazardous Decomposition Products:CARBON MONOXIDE AND CARBON DIOXIDE, OXIDES OF NITROGEN. ALDEHYDES AND ACIDS MAY BE FORMED DURING COMBUSTION.

Conditions to Avoid Polymerization:WILL NOT OCCUR.

===== Disposal Considerations =====

Waste Disposal Methods:DISPOSAL SHOULD BE MADE IN ACCORDANCE WITH ALL APPLICABLE FEDERAL, STATE AND LOCAL ENVIRONMENTAL REGULATIONS. EMPTY CONTAINERS MUST BE HANDLED CAREFULLY-CONTAIN RESIDUE. DO NOT INCINERATE CLOSED CONTAINERS. EPA HAZARDOUS WASTE NUMBER/CODE:D001.

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