

DEFT INC CHEMICAL COATING DIV -- MIL-P-85582, TY I, CLS C 2, LOW DENSITY, 44 GN 036 CAT, PART B -- 8010-01-292-8894

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

Product ID: MIL-P-85582, TY I, CLS C 2, LOW DENSITY, 44 GN 036 CAT, PART B

MSDS Date: 10/18/1994

FSC: 8010

NIIN: 01-292-8894

Kit Part: Y

MSDS Number: BWGND

=== Responsible Party ===

Company Name: DEFT INC CHEMICAL COATING DIV

Address: 17451 VON KARMAN AVE

City: IRVINE

State: CA

ZIP: 92614

Country: US

Info Phone Num: 714-474-0400

Emer

gency 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

===== Composition/Information on Ingredients =====

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 AS LISTED ON MSDS:345 G/L.

RTECS #:9999999VC

Other REC Limits:NONE RECOMMENDED

OSHA PEL:NOT RELEVANT

ACGIH TLV:NOT RELEVANT

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

LD50 LC50 Mixture:LD50 (ORAL, RAT) IS NOT KNOWN.

Routes of Entry: Inhalation:YES Skin:NO Ingestion:NO

Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO

Health Hazards Acute and Chronic:TARGET ORGANS:EYE, SKIN, CNS,
RESPIRATORY & GI TRACT. ACUTE- MAY CAUSE EYE & SKIN IRRITATION.
INHAL

ATION MAY CAUSE CNS DEPRESSION. INGESTION CAN RESULT IN
IRRITATION & POSSIBLE CORROSIVE ACTION IN MOUTH & DIGESTIVE TRACT.
ASPIRATION HAZARD. CHRONIC- MAY CAUSE SKIN SENSITIZATION, ASTHMA,
DERMATITIS.

Explanation of Carcinogenicity:NONE

Effects of Overexposure:IRRITATION, HEADACHE, DIZZINESS, NAUSEA,
VOMITING, INCOORDINATION, DRY SKIN, COUGH, DIFFICULT BREATHING,
TEARING, UNCONSCIOUSNESS, DEFATTING OF SKIN AND SENSITIZATION,
DERMATITIS, RASHES

Medical Cond Aggravated by

Exposure:PERSONS WITH PRE-EXISTING SKIN

DISORDERS, EYE PROBLEMS OR IMPAIRED CNS OR RESPIRATORY FUNCTION MAY
BE MORE SUSCEPTIBLE TO THE EFFECTS OF THIS PRODUCT.

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

First Aid:GET MEDICAL HELP IF SYMPTOMS PERSIST. INHALED:MOVE TO FRESH
AIR. PROVIDE CPR/OXYGEN IF NEEDED. EYES:FLUSH WITH WATER FOR 15
MINUTES, HOLDING EYELIDS OPEN. SKIN:WASH WITH SOAP & WATER. ORAL:DO
NOT INDUCE VOMITING. IF CONSCIOUS, RINSE MOUTH
WITH WATER. SEEK
IMMEDIATE MEDICAL ATTENTION. IF SPONTANEOUS VOMITING OCCURS, KEEP
HEAD BELOW HIPS TO PREVENT ASPIRATION OF VOMITUS INTO LUNGS.

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

Flash Point Method:TCC

Flash Point:87.0F,30.6C

Lower Limits:3.40%

Extinguishing Media:USE WATER FOG, CARBON DIOXIDE (CO2), ALCOHOL FOAM
OR DRY CHEMICAL. USE WATER SPRAY TO COOL FIRE EXPOSED CONTAINERS.

Fire Fighting Procedures:WEAR PROTECTIVE CLOTHING AND NIOSH-APPROVED

SELF-CONTAINED BREATHING APPARATUS. HAZARDOUS DECOMPOSITION PRODUCTS MAY BE FORMED.

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:WEAR PROTECTIVE EQUIPMENT. ELIMINATE SOURCES OF IGNITION. VENTILATE AREA. PICK UP SPILL WITH NON-FLAMMABLE ABSORBENT SUCH AS SAND, EARTH, VERMICULITE. GROUND ALL HANDLING EQUIPMENTS. PREVENT LIQUID FROM ENTERING SEWERS OR WATERWAYS. Neutralizing Agent:NOT RELEVANT

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

Handling and Storage Precautions:STORE IN A COOL, WELL VENTILATED PLACE, AWAY FROM IGNITION SOURCES & INCOMPATIBLE MATERIALS. KEEP CONTAINER TIGHTLY CLOSED. Other Precautions:WARNING! FLAMMABLE. EMPTY CONTAINERS RETAIN RESIDUE AND CAN BE DANGEROUS. DO NOT PUNCTURE/WELD ON OR NEAR CONTAINER. USE WITH ADEQUATE VENTILATION. DO NOT BREATHE VAPORS. AVOID EYES AND SKIN CONTACT. KEEP OUT OF REACH OF CHILDREN.

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

Respiratory Protection:NONE REQUIRED IF GOOD VENTILATION IS MAINTAINED. WEAR NIOSH-APPROVED ORGANIC VAPOR RESPIRATOR OR FRESH AIR SUPPLIED RESPIRATOR IF TLV EXCEEDED. Ventilation:MECHANICAL (GENERAL AND/OR LOCAL EXHAUST, EXPLOSION-PROOF) VENTILATION TO MAINTAIN EXPOSURE BELOW TLV(S). Protective Gloves:RUBBER, NEOPRENE FOR REPEATED CONTACT Eye Protection:SAFETY GOGGLES/FACE SHIELD IF SPLASHING Other Protective Equipment:PROTECTIVE CLOTHING, SAFETY SHOWER AND EYEWASH FACILITY Work Hygienic Practices:OBSERVE GOOD INDUSTRIAL HYGIENE PRACTICES AND RECOMMENDED PROCEDURES. WASH AFTER HANDLING AND BEFORE EATING OR DRINKING. Supplemental Safety and Health KEY1:F4. THIS PRODUCT IS A KIT CONSISTING OF TWO PARTS: THIS IS PART B. FOR PART A, SEE PNI

G, SAME NSN.

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

HCC:F3
NRC/State Lic Num:NOT RELEVANT
Boiling Pt:B.P. Text:237F - 300F
Vapor Density:>1
Spec Gravity:1.12845
Evaporation Rate & Reference:1.27 (N-BUTYL ACETATE=1)
Solubility in Water:INSOLUBLE
Appearance and Odor:AMBER LIQUID - SOLVENT ODOR
Percent Volatiles by Volume:32.3

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

Stability Indicator/Materials to Avoid:YES
STRONG OXIDIZING AGENTS,
STRONG MINERAL ACIDS
Stability Condition to Avoid:HIGH HEAT, SPARKS, FLAMES AND OTHER
SOURCES OF IGNITION, UNCONTROLLED REACTIONS WITH AMINES
Hazardous Decomposition Products:CARBON MONOXIDE, CARBON DIOXIDE,
OXIDES OF NITROGEN, ALDEHYDES AND ACIDS

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

Waste Disposal Methods:DISPOSE OF IN AN APPROVED INCINERATOR OR
CONTRACT WITH LICENSED CHEMICAL WASTE DISPOSAL SERVICE. ENSURE
COMPLIANCE WITH LOCAL, STATE AND FEDER
AL REGULATIONS. DO NOT
INCINERATE CLOSED CONTAINERS. EPA H AZARDOUS WASTE CODES: D001,
D007

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