

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: IRVI

NE

State: CA

ZIP: 92614

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

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

Ingred Name: NITROETHANE

CAS: 79-24-3

RTECS #: KI5600000

Fraction by Wt: 30%

Other REC Limits: NONE RECOMMENDED

OSHA P

EL: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

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===== 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,
RESPIRAT
ORY & GI TRACT. ACUTE- MAY CAUSE EYE & SKIN IRRITATION.
INHALATION MAY CAUSE CNS DEPRESSION. INGESTION CAN RESULT IN
IRRITATION & POSSIBLE CORROSIVE ACTION IN MOU TH & 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.

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===== 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 & W
ATER. ORAL:DO
NOT INDU CE 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.

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===== 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. EMPLOYERS AND 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 FEDERAL REGULATIONS. DO NOT
INCINERATE CLOSED CONTAINERS. EPA HAZARDOUS WASTE CODES: D001,
D007

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