

DEFT INC CHEMICAL COATING DIV -- MIL-P-85582,LOW DENSITY W/R PR,44 GN 036 CAT,PART B --
8010-01-292-8893

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

Product ID:MIL-P-85582,LOW DENSITY W/R PR,44 GN 036 CAT,PART B

MSDS Date:12/31/1992

FSC:8010

NIIN:01-292-8893

Kit Part:Y

MSDS Number: BWGNB

=== 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

===== 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

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

LD50 LC50 Mixture:LD50 (ORAL, RAT) IS UNKNOWN.
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, LUNG. ACUTE-
EYE/SKIN:CAN CAUSE IRRITATION. INHALE:UPPER RESPIRATORY TRACT
IRRITATION, UNCONSCIOUSNESS. ORAL:CAN RESULT IN IRRITATION &
POSSIBLE CORROSIVE ACTION IN MOUTH, STO MACH
& DIGESTIVE TRACT.
ASPIRATION HAZARD. CHRONIC- MAY CAUSE SKIN DRYING, SENSITIZATION,
ASTHMA.
Explanation of Carcinogenicity:NONE
Effects of Overexposure:EYE IRRITATION, TEARING, BLURRED VISION; SKIN
IRRITATION, DEFATING, ITCHING, RASH; RESPIRATORY TRACT IRRITATION,
HEADACHE, DIZZINESS, WEAKNESS, FATIGUE, GASTROINTESTINAL TRACT
IRRITATION, NAUSEA, VOMI TING, DIARRHEA, MUSCULAR WEAKNESS,
CONFUSION
Medical Cond Aggravated by Exposure:ASTHMA AND OTHER RESPIRATORY
DISORDER
S, SKIN ALLERGIES, ECZEMA AND DERMATITIS

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

First Aid:GET MEDICAL HELP IF SYMPTOMS PERSIST. INHALED:REMOVE TO FRESH
AIR. PROVIDE CPR/OXYGEN IF NEEDED. EYES:FLUSH WITH WATER FOR 15
MINUTES, HOLDING EYELIDS OPEN. SKIN:WASH WITH SOAP & WATER.
ORAL:CALL A PH YSICIAN IMMEDIATELY. DO NOT INDUCE VOMITING. NEVER
GIVE ANYTIHING BY MOUTH TO AN UNCONSCIOUS PERSON.

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

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Flash Point Method:TCC
Flash Point:87.0F,30.6C
Lower Limits:3.40%
Extinguishing Media:DRY CHEMICAL, CARBON DIOXIDE, ALCOHOL FOAM, WATER
FOG. USE WATER SPRAY TO COOL FIRE-EXPOSED CONTAINERS.
Fire Fighting Procedures:WEAR FULL PROTECTIVE CLOTHING AND
NIOSH-APPROVED SELF-CONTAINED BREATHING APPARATUS WITH FULL
FACEPIECE OPERATED IN THE POSITIVE PRESSURE MODE.
Unusual Fire/Explosion Hazard:VAPOR IS HEAVIER THAN AIR AND CAN TRAVEL
CONSIDERABLE DISTANCE TO A SOURCE OF IGNIT

ION 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/NON-SPARKING TOOLS. PLACE IN CONTAINER FOR DISPOSAL. PREVENT LIQUID FROM ENTERING SEWERS, WATERWAYS OR LOW AREAS.

Neutralizing Agent:NOT RELEVANT

===== 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" 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.

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

Respiratory Protection:IF ENGINEERING CONTROLS ARE INADEQUATE TO CONTROL VAPOR CONCENTRATIONS TO AN ACCEPTABLE LEVEL, A NIOSH-APPROVED ORGANIC VAPOR RESPIRATOR WITH DUST/MIST PREFILTER SHOULD BE WORN.

Ventilation:MECHANICAL (GENERAL AND/OR LOCAL EXHAUST, EXPLOSION-PROOF) VENTILATION 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:USE GOOD PERSONAL HYGIENE PRACTICES. LAUNDER CONTAMINATED CLOTHING BEFORE WEARING.

Supplemental Safety and Health

KEY1:F4. THIS PRODUCT IS A KIT CONSISTING OF TWO PARTS. PART A, HAS PNI F; PART B HAS PNI G, SAME NSN. FORMULA CHANGED. FOR PREVIOUS FORMULATIONS SEE PNI A, B, C, D, E, SAME NSN.

===== Physical/Chemical Prop

erties =====

HCC:F3

NRC/State Lic Num:NOT RELEVANT

Boiling Pt:B.P. Text:237F - 300F

Melt/Freeze Pt:M.P/F.P Text:NOT KNOWN

Decomp Temp:Decomp Text:NOT KNOWN

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 WITH 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 TEMPERATURES, SPARKS, OPEN FLAMES,
UNCONTROLLED REACTIONS WITH AMINES

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

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

Waste Disposal Methods:DISPOSAL SHOULD BE MADE IN ACCORDANCE WITH ALL
APPLICABLE FEDERAL, STATE AND LOCAL ENVIRONMENTAL REGULATIONS.
RECOMMENDED PROC

EDURE IS BY INCINERATION. DO NOT INCINERATE CLOSED
CONTAINERS. EPA HAZARDO US WASTE NUMBER/CODE: D001.

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