

DEFT INC CHEMICAL COATING DIV -- PC:44GN008ACAT COMP B, MIL-P-85582B,TY II,C1 --  
8010-01-218-0858

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

Product ID:PC:44GN008ACAT COMP B, MIL-P-85582B,TY II,C1

MSDS Date:06/30/1992

FSC:8010

NIIN:01-218-0858

Kit Part:Y

MSDS Number: CDQNZ

=== Responsible Party ===

Company Name:DEFT INC CHEMICAL COATING DIV

Address:17451 VON KARMAN AVE

City:IRVINE

State:CA

ZIP:92714-6205

Country:US

Info Phone Num:714-474-0400

Emergency Phone Num:800-424-9300 CHEMTREC

Preparer's Name:NORM GAUL

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: 15%

Other REC Limits:NONE RECOMMENDED

OSHA PEL:100 PPM

ACGIH TLV:100 PPM; 9596

Ingrd Name:VOLITILE ORGANIC CONTENT AS LISTED ON MSDS, 186 G/L (ACTUAL  
VOC DETERMINED PER EPA REF METHOD 24).

RTECS #:9999999VC

Fraction by Wt: NA

Other REC Limits:NONE RECOMMENDED

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

LD50 LC50 Mixture:NONE SPECIFIED BY MANUFACTURER.

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

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

Health Hazards Acute and Chronic:ACUTE:VAP IRRIT

EYE/NOSE/THROAT.INHAL:CAUSE HEA

DACHE,DIFFI BREATH,LOSS OF

CONSCIOUSNESS.CHRONIC:PROL CONTACTGT WILL CAUSE DRYING,CRACKING OF  
SKIN DUE TO DEFATTING ACTION.SKIN SENS,ASTHMA,OTHER ALLERGIC  
RESPONSES MAY DEVELOP.

Explanation of Carcinogenicity:PER

MSDS:CARCINOGENICITY:NTP/IARC/OSHA:NO.

Effects of Overexposure:IRRIT RESP TRACT,ACUTE CNS

DEPRESSION(HEADACHE,DIZZ,STAGGERING

GAIT,CONFUSION,UNCONSC,COMA).CAN CAUSE SKIN

IRRIT,SWELLING,REDNESS,RASH.IRRIT EYE,TEARING,REDNESS,SWELLING

STINGING SENSATION.PRO

L/REP SK IN CONTACT CAN CAUSE MODERATE

IRRIT,DRHING,DEFATTING WHICH CAN CAUSE SKIN TO

CRACK.INGEST:IRRIT,CORR ACTION IN (SUPPLE)

Medical Cond Aggravated by Exposure:ASTHMA & ANY OTHER RESPIRATORY

DISORDERS.SKIN ALLERGIES, ECZEMA, DERMATITIS.

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

First Aid:INHAL:MOVE TO UNEXPO AREA.RESTORE BREATH.OBTAIN MED

ATTN.SKIN;REMOVE CONTAMIN CLOTH.WASH AREA THOROUGHLY

W/SOAP/WATER.EYE:FLUSH W/CLEAN LUKEWARM WATER(LOW PR

ESSURE)FOR

@LEAST 15MINS,OCCASIONALLY LIFTI NG EYELIDS.OBTAIN MED

ATTN.INGEST:DO NOTINDUCE VOMIT.DO NOT GIVE ANYTHING BY MOUTH IF

UNCONSC.OBTAIN MED ATTN.

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

Flash Point Method:TCC

Flash Point:87.0F,30.6C

Autoignition Temp:Autoignition Temp Text:NO INF

Lower Limits:3.40

Upper Limits:0.00

Extinguishing Media:FOAM,ALCOHOL FOAM,CO2,DRY CHEMICAL,WATER FOG.

Fire Fighting Procedures:FULL FIRE FIGHTING EQPMT W/SELF-CONTAIN

## BREATH

APPARATUS/FULL PROT CLOTH SHOULD BE WORN BY FIREFIGHTER.WATER MAY BE USED TO COOL CLSD CNTNR-PREVENT (SUPPLEMEN)

Unusual Fire/Explosion Hazard:KEEP CNTNR TIGHTLY CLSD.ISOLATE FROM HEAT/SPARK/ELECTR EQPMT/OPN FLAME.CLSD CNTNR MAY EXPLO HWEN EXPO TO EXTREME HEAT.APPLICATION TO HOT SURFACES REQUIRES(SUPP)

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

Spill Release Procedures:EVACUATE ALL NON-ESSENTIAL PERSONNEL.REMOVE ALL IGNITION SOURCES(FLAME,SPARK SOURCES,HOT SURFACES).VENTI AREA.CONTAIN & REMOVE W/INERT ABSORBENT & NON-SPARKING TOOLS.  
Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

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

Handling and Storage Precautions:STORE IN BLDG DESIGN TO COMPLY W/OSAH 1910.106.AVOID STORING NEAR HI TEMP/FIRE/OPN FLAME/SPARK SOURCES.STORE IN TIGHTLY CLSD CNTNR,IN WELL VENTI AREA.  
Other Precautions:KEEP CNTNR TIGHT/UPRIGHT-PREVENT LEAKAGE.PREVENT PROL BREATH VAP/SPRAY MIST.AVOID SKIN/EYE CONTACT.DON'T TAKE ORALINGERNALLY.PROL OVEREXPO MAY CAUSE ALLERGIC RX.DON'T HNDL TIL MFG SAF PRECAUT HAVE BEEN RE AD/UNDERSTOOD.SMOKE IN SMOKING AREA ONLY

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

Respiratory Protection:RESPIRATOR THAT'S RECOMMENDED/APPROVED FOR USE IN ORG VAP ENVIR(AIR-PURIF,FRESH AIR SUPP)IS NECESSARY.OBSERVE OSHA REGS FOR RESP USE.VENTILATION SHOULD BE PROVIDED TO KEEP EXPO LEVELS BELOW OSHA PERMISSIBLE LIMIT

S.

Ventilation:UTILIZE EXHAUS VENTI SUFF TO KEEP AIRBORNE CONCEN OF SOLVT VAP/MIST BEL RESPECTIVE TLV.REMOVE ALL IGN SOURCES.

Protective Gloves:COTTON,NEOPRENE,RUBB,POLYETHYLENE GLOVES

Eye Protection:SPLASH GUARD,SIDESHIELDS,CHEM GOGG

Other Protective Equipment:FACESHIELDS.USE OF LONG SLEEVE/LONG LEG CLOTH RECOMMENDED.

Work Hygienic Practices:WASH CONTAMIN CLOTH BEF REUSE.WASH HANDS BEF EATING/SMOKING/USING WASHROOM.

Supplemental Safety and Health

VISC:THIN LIQ-HEAVY VISC MATL. FIREF

IGHT:PRESS BUILDUP,AUTOIGN,EXPLO.

FIRE/EXPLO:SPEC PRECAUT.DURING EMERG CONDITIONS DECOMP PROD  
OVEREXPO CAUSE HEALTH HAZ;SYMPT NOT IMMED APPARENT.

HEALTH:MOUTH/STOMA CH TISSUE/GI.ASPIRATION HAZ,CHEM PNEUOITIS.

2-PART KIT,PNIND:E.

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

HCC:F3

Boiling Pt:=113.9C, 237.F

Melt/Freeze Pt:M.P/F.P Text:NP

Decomp Temp:Decomp Text:NO INFO

Vapor Pres:NP

Vapor Density:>AIR

Spec Gravity:1.14406

pH:NA

Viscosity:SUPPLEMENTAL

Evapo

ration Rate & Reference:1.27 X N-BUTYL ACETATE.

Solubility in Water:INSOLUBLE.

Appearance and Odor:GREEN LIQUID WITH SOLVENT ODOR.

Percent Volatiles by Volume:17.7

Corrosion Rate:NO INFO

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

Stability Indicator/Materials to Avoid:YES

STRONG OXIDIZING MATLS,STRONG LEWIS OR MINERAL ACIDS.

Stability Condition to Avoid:HIGH TEMPERATURES,SPARKS,OR OPEN

FLAMES.AVOID UNCONTROLLED REACTIONS W/AMINES.

Hazardous Decomposition Produc

ts:CARBON MONOXIDE,CARBON DIOXIDE,OXIDES

OF NITROGEN.ALDEHYDES & ACIDS MAY BE FORMED DURING COMBUSTION.

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

Waste Disposal Methods:WASTE MUST BE DISPO OF IAW FED/STATE/LOC ENVIRO

CNTRL REGS.EMPTY CNTNR MUST BE HNDL W/CARE-PROD RESIDUE/FLAMM

VAP.DON'T INCINERATE CLSD CNTNR.EPA#:D001.

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