

DEFT INC CHEMICAL COATING DIV -- 44GN007CAT COMP B MIL-P-85582B TY I CL C1 --
8010-01-218-0856

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

Product ID:44GN007CAT COMP B MIL-P-85582B TY I CL C1

MSDS Date:06/30/1992

FSC:8010

NIIN:01-218-0856

Kit Part:Y

MSDS Number: BXCCF

=== Responsible Party ===

Company Name:DEFT INC CHEMICAL COATING DIV

Address:17451 VON KARMAN AVE

City:IRVINE

State:CA

ZIP:92714-6205

Countr

y: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; 9394

Ingred

Name:VOLITILE ORGANIC CONTENT AS LISTED ON MSDS, ACTUAL VOC
DETERMINED PER EPA REF METHOD 24, 187G/L.
RTECS #:9999999VC
Other REC Limits:NONE RECOMMENDED

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

Routes of Entry: Inhalation:YES Skin:YES Ingestion:NO
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:INHAL:RESP TRACT IRRIT,ACUTE CNS
DEPRESSION.SKIN:CAN CAUSE IRRIT.EYES:LIQ/AEROSOL/VAP IRRIT.SKIN
ABSORPTION:PROLONG/REPEA
T CONTACT CAN CAUSE MODERATE
IRRIT,DRYING,DEFATTING OF KSIN WHICH CAN CAUSE SKI N TO
CRACK.INGEST:IRRIT & POSSIBLE CORRACTION IN MOUTH/STOMACH TISSUE/GI
TRACT.VOMIT & ASPIRATION-CHEM PNEUITIS.
Explanation of Carcinogenicity:PER
MSDS:CARCINOGENICITY:NTP/IARC/OSHA:NO.
Effects of Overexposure:INHAL:CNS DEPRESS-HEAD,DIZZ,STAGGERING
GAIT,CONFUSION,UNCONSC,COMA.DIFFICULT
BREATHING.SKIN:SWELLING,REDNESS,RASH,DRYING/CRACKING FROM
DEFATTING.SKIN SENSITIZATION,ASTHMA,OTHER ALLE
RGIC RESPONSES MAY
DEVELOP.EYE:TEARING,REDNESS,SWELLING ACCOMPANIED BY STINGING
SENSATION.INGEST:CORR IN MOUTH/STOMACH TISSUE,GI TRACT,VOMIT
Medical Cond Aggravated by Exposure:ASTHMA AND ANY OTHER RESPIRATORY
DISORDERS. SKIN ALLERGIES, ECZEMA & DERMATITIS.

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

First Aid:INHAL:MOVE TO FRESH AIR.RESTORE BREATHING.ASTHMATIC TYPE
SYMPTOMS MAY DEVELOP & MAY BE IMMED/DELAYED BY SEVERAL HRS.OBTAIN
MED ATTN.SKIN:REMO
VE CONTAMIN CLOTH.WASH THOROUGHLY
W/SOAP&WATER.EYES:FLUSH W /CLEAN LUKEWARM WATER (LOW PRESSURE) FOR
@LEAST 15MINS OCCASIONALLY LIFTING EYELIDS.OBTAIN MED
ATTN.INGEST:DO NOT INDUCE VOMIT.DO NTO GIVE ANYTHING TO UNCONSCIOUS
PERSON.OBTAIN MED ATTN.

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

Flash Point Method:TCC
Flash Point:87.0F,30.6C
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/SCBA & FULL PROT
CLOTHING SHOULD BE WORN BY FIRE FIGHTERS.WATER MAY BE USED TO COOL
CLSD CNTNR TO PREVENT PRESSU BUILDUP/AUTOIGN/EXPL
Unusual Fire/Explosion Hazard:CLSD CNTNRS MAY EXPLO WHEN EXPO TO HI
HEAT.APPLICATION TO HOT SURFACES REQUIRES SPECIAL PRECAUT.DURING
EMERG CONDITONS OVEREXPO TO DECOMPO PROD MAY CAUSE (SUPP)

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

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

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

Handling and Storage Precautions:STORE IN BLDGS DESIGNED TO COMPLY
W/OSHA 1910.106.AVOID STORING NEAR HI TEMPS/FIRE/OPN FLAMES/SPARK
SOURCES.STORE IN TIGHTLY CLSD CNTNRS IN WELL VENTILATED
Other Precautions:KEEP CNTNR TIGHTLY CLOSED & UPRIGHT.PREVENT PROLONG
VAP/SPRAY MISTS BREATH.PROLONG OVEREXPO MAY CAUSE ALLERGIC RX.AVOID
SKIN/EYE CONTACT.SMOKE IN SMOKING AREA ONLY.ISOLATE FROM
HEAT/SPARKS/ELECT EQPMT/OPN FLAME.WASH HANDS BEF EAT/SMOKE/TOILET

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

Respiratory Protection:RESP THAT IS RECOMMENDED OR APPROVED FOR USE IN
ORG VAP ENVIRO(AIR PURIFYING OR FRESH AIR SUPPLIED)IS
NECESSARY.OBSERVE OSHA REGS FOR RESP USE.VENTILATION SHOULD BE
PROVIDED TO KEEP EXPO LEVELS BELOW OSHA PERMISSIBLE LIMITS.
Ventilation:EXHAUST VENTILATION SUFFICIENT TO KEEP AIRBORNE CONC OF SOLVENT
VAP/MIST BELOW TLV MUST BE UTILIZED.REMOVE ALL IGNITION SOURCES.
Protective Gloves:COTTON,NEOPRENE,RUBBER,POLYETHYLENE
Eye Protection:SPLASH GUARDS/SIDESHIELDS,CHEM GOGGLES
Other Protective Equipment:USE OF LONG SLEEVE/LONG LEG CLOTHING IS
RECOMMENDED.
Work Hygienic Practices:WASH CONTAMIN CLOTH WELL BEF REUSE.DO NOT TAKE
INTERANALLY.DO NOT HANDLE TIL MFG SAF

ETY PRECAUT HAVE BEEN
READ/UNDERSTOOD
Supplemental Safety and Health
FIRE/EXPLO HAZ:HEALTH HAZ.SYMPTOMS MAY NOT BE IMMED APPARENT. PART B OF
2-PART KIT.

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

HCC:F3
Boiling Pt:B.P. Text:237F,114C
Vapor Density:>AIR
Spec Gravity:1.14406
Viscosity:SEE APPEARANC
Evaporation Rate & Reference:1.27 X N-BUTYL ACETATE
Solubility in Water:INSOLUBLE
Appearance and Odor:THIN LIQUID TO HEAVY VISCOUS MATERIAL.
Percent Volatiles by
Volume:17.7

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

Stability Indicator/Materials to Avoid:YES
STRONG OXIDIZING AGENTS & STRONG LEWIS OR MINERAL ACIDS.
Stability Condition to Avoid:HIGH TEMPS, SPARKS OR OPEN FLAMES. AVOID
UNCONTROLLED REACTIONS W/AMINES.
Hazardous Decomposition Products:CARBON MONOXIDE AND CARBON DIOXIDE &
OXIDES OF NITROGEN. ALDEHYDES & ACIDS MAY BE FORMED DURING
COMBUSTION.

===== Disposal Considerations =====
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Waste Disposal Methods:WASTE MUST BE DISPOSED OF IAW FED/STATE/LOC
ENVIRO CNTRL REGS.EMPTY CNTNRS MUST BE HANDLED W/CARE DUD TO
PRODUCT RESIDE/FLAMM VAP.DO NOT INCINERATE CLSD CNTNRS.EPA HAZ
WASTE #:D001.HAZ WASTE CHARACTER ISTICS:IGN,REACTIVITY.

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