

DEFT, INC -- COMP B, 1-COAT, 595B 57185 PC03GN246 -- 8010-01-344-3221

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

Product ID:COMP B, 1-COAT, 595B 57185 PC03GN246

MSDS Date:06/14/1991

FSC:8010

NIIN:01-344-3221

Kit Part:Y

MSDS Number: BRKMS

=== Responsible Party ===

Company Name:DEFT, INC

Address:17451 VON KARMAN AVE

City:IRVINE

State:CA

ZIP:92714

Country:US

Info Phone Num:714-474-0400

Emergency Phone Num:8

00-424-9300 CHEMTREC

Preparer's Name:NORM GAUL

CAGE:5M511

=== 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

Company Name:DEFT, INC

Address:17451 VON KARMAN AVE

City:IRVINE

State:CA

ZIP:92714-6205

Country:US

Phone:714-474-0400

CAGE:5M511

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

Ingred Name:TOLUENE (VAPOR PRESSURE 22 MM HG @ 68F) (SARA 313)

CAS:108-88-3

RTECS

#:XS5250000
Fraction by Wt: 13.61%
Other REC Limits:NONE SPECIFIED
OSHA PEL:200 PPM/150 STEL
ACGIH TLV:50 PPM; 9293
EPA Rpt Qty:1000 LBS
DOT Rpt Qty:1000 LBS

Ingred Name:ALIPHATIC ISOCYANATE OF HEXAMETHYLENE DIISOCYANATE (HDI)
CAS:28182-81-2
RTECS #:HQ9170000
Fraction by Wt: 45%
Other REC Limits:.005PPM-TWA/C/.02PPM

Ingred Name:METHYL ISOBUTYL KETONE (VAPOR PRESSURE 15 MM HG @ 68F)
(SARA 313)
CAS:108-10-1
RTECS #:SA9275000
Fraction by Wt: 40.68%
Other REC Limits:NONE SPECIFIED
OSHA PEL:100
PPM/75 STEL
ACGIH TLV:50 PPM/75 STEL; 9293
EPA Rpt Qty:5000 LBS
DOT Rpt Qty:5000 LBS

Ingred Name:VOC: 525 G/L
RTECS #:9999999VO
Other REC Limits:NONE SPECIFIED

===== 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:ACUTE: IRRITATION, POSSIBLE CORROSIVE
ACTION IN MOUTH, STOMACH, DIGESTIVE TRACT. VOMIT CAUSE ASPIRATION
OF SOLVENT, R
ESULT CHEMICAL PNEUMONITIS. VAPORS IRRITATING TO EYES,
NOSE, THROAT. INHALED CAUSE HEADACHES, DIFFICULT BREATHING/LOSS OF
CONSCIOUSNESS. CHRONIC: PREVIOUS EXPOSURE, SOME DEVELOP ISOCYANATE
SENSITIZATION.
Explanation of Carcinogenicity:PROP 65-TETRATOGENIC WARNING: THIS
PRODUCT CONTAINS A CHEMICAL(S) KNOWN TO THE STATE OF CALIF. TO
CAUSE BIRTH DEFECTS.
Effects of Overexposure:INHALATION: IRRITATION. HEADACHE, DIZZINESS,
STAGGERING GAIT, CONFUSION, UNCONSCIOUSNESS/COMA. S

KIN: ISOCYANATES

REACT W/SKIN PROTEIN CAUSE IRRITAT. SWELLING, REDNESS, & RASH.
EYES: LIQUID, AREOSOLS, VAPORS, CAUSE TEARING, REDNESS, SWELLING,
STINGING. SKIN: REPEATED CONTACT CAUSE DRYING/CRACKING DUE TO
DEFATTING ACTION

Medical Cond Aggravated by Exposure:ASTHMA AND ANY OTHER RESPIRATORY
DISORDERS. SKIN ALLERGIES, ECZEMA, AND DERMATITIS. ISOCYANATE
SENSITIZATION.

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

First Aid:INHALATION: REMOVE TO FRESH AIR. RESTORE BREATHING. ASTHMATIC
TYPE SYMPTOMS MAY BE IMMEDIATE/DELAYED. GET MEDICAL ATTENTION. SKIN:
WASH WITH SOAP & WATER TO AFFECTED AREA. EYES: FLUSH WITH CLEAN
LUKEWARM WATER (LOW PRESSURE) FOR 15 MINUTES, OCCASIONALLY LIFTING
EYELIDS. GET MEDICAL ATTENTION. INGESTION: DO NOT INDUCE VOMITING.
DO NOT GIVE ANYTHING TO UNCONSCIOUS PERSON. GET MEDICAL ATTENTION.

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

Flash Point Method:TCC
Flash Point:45.0
F,7.2C
Lower Limits:1.00 %
Upper Limits:8.00 %
Extinguishing Media:FOAM, CO2, DRY CHEMICAL, WATER FOG, ALCOHOL FOAM.
Fire Fighting Procedures:FULL EQUIPMENT W/SCBA. H2O TO COOL CONTAINERS
PREVENT PRESSURE BUILDUP, AUTO IGNITION, EXPLOSION. DURING FIRE HDI
VAPORS/OTHERS GENERATED COMBUST/THERMAL DECOMP
Unusual Fire/Explosion Hazard:ISOLATE FROM HEAT.CLOSED CONTAINERS
EXPLODE EXPOSED TO HEAT.DURING EMERGENCY CONDITIONS OVEREXPOSE TO
DECOMPOSITION PRODUCT HEALTH HAZ.SYMPTOMS NOT IMMEDIATE
APPARENT

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

Spill Release Procedures:EVACUATE ALL NON-ESSENTIAL PERSONNEL. REMOVE
ALL SOURCES OF IGNITION (FLAME, SPARK SOURCES, HOT SURFACES).
VENTILATE AREA. CONTAIN AND REMOVE WITH INERT ABSORBENT AND
NON-SPARKING TOOLS.

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

Handling and Storage Precautions:STORE IN BUILDINGS TO COMPLY WITH OSHA
1910.106. AVOID STORING NEAR HEAT. STORE IN TIGHTLY

Y CLOSED

CONTAINERS. STORE IN WELL VENTILATED AREAS.

Other Precautions:PREVENT LEAKAGE. PREVENT BREATHING OF VAPORS, SPRAY MISTS. OVEREXPOSURE MAY CAUSE ALLERGIC REACTION. AVOID CONTACT WITH SKIN & EYES. DO NOT INGEST. DO NOT HANDLE UNTIL THE MANUFACTURERS SAFETY PRECAUTIONS HAVE BEEN READ AND UNDERSTOOD.

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

Respiratory Protection:RESPIRATOR RECOMMENDED/APPROVED FOR USE IN ORGANIC VAPOR ENVIRONMENT (AIR PURIFYING OR FRESH AIR SUPPLIED) IS NECESSARY. OBSERVE OSHA REGULATIONS FOR RESPIRATOR USE. AIR SUPPLIED RESPIRATOR, VAPOR PARTICULATE RESPIRATOR (TC23C NIOSH/MSHA).

Ventilation:EXHAUST VENTILATION TO KEEP AIRBORNE CONCENTRATION OF SOLVENT, HDI & POLYISOCYANATES BELOW RESPECTIVE TLV'S UTILIZED.

Protective Gloves:COTTON, NEOPRENE, RUBBER, POLYETHYLENE.

Eye Protection:CHEMICAL GOGGLES, FULL-FACE SHIELD.

Other Protective Equipment:THE USE OF LONG SLEEVE & LONG LEG CLOTHING IS RECOMMENDED.

REMOVE AND WASH CONTAMINATED CLOTHING BEFORE REUSE.

Work Hygienic Practices:WASH HANDS BEFORE EATING, SMOKING, OR USE WASHROOM. SMOKE IN DESIGNATED AREAS ONLY.

Supplemental Safety and Health

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

HCC:F3

Boiling Pt:B.P. Text:230 TO 460F

Vapor Density:> AIR

Spec Gravity:0.92917

Evaporation Rate & Reference:1.39 X N-BUTYL ACETATE

Solubility in Water:INSOLUBLE

Appearance and Odor:AMBER LIQUID WITH SOLVENT ODOR

Percent

Volatiles by Volume:61.8

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

Stability Indicator/Materials to Avoid:YES

WATER, AMINES, STRONG BASES, ALCOHOLS, METAL COMPOUNDS AND SURFACE ACTIVE MATERIALS.

Stability Condition to Avoid:CONTACT WITH MOISTURE, MATERIAL WHICH REACT WITH ISOCYANATES AND HIGH TEMPERATURES.

Hazardous Decomposition Products:BY HIGH HEAT/TEMPERATURE: CARBON MONOXIDE, CARBON DIOXIDE, AND OXIDES OF NITROGEN, TRACES OF HCN AND HDI.

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

Waste Disposal Methods: WASTE MUST BE DISPOSED OF IN ACCORDANCE WITH LOCAL, STATE & FEDERAL ENVIRONMENTAL CONTROL REGULATIONS. EMPTY CONTAINERS MUST BE HANDLED WITH CARE, DUE TO PRODUCT RESIDUE AND FLAMMABLE VAPOR. DO NOT INCINERATE CLOSED CONTAINERS.

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