

DEFT INC CHEMICAL COATING DIV -- COMP B, 1-COAT, 13538 PC 03Y 132 CAT -- 8010-01-353-3696
===== Product Identification =====

Product ID:COMP B, 1-COAT, 13538 PC 03Y 132 CAT
MSDS Date:06/14/1991
FSC:8010
NIIN:01-353-3696
Kit Part:Y
MSDS Number: BRHDW
=== 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:TOLUENE (VAPOR PRESSURE 22 MM HG @ 68F) (SARA 313)
CAS:108-88-3
RTECS #:XS5250000
Fraction by Wt: 4.76%
Other REC Limits:NONE SPECIFIED
OSHA PEL:200 PPM/1

50 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: 40%
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: 40.12%
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:N-BUTYL ACETATE (VAPOR PRESSURE 13 MM HG @ 68F)
CAS:123-86-4
RTECS #:AF7350000
Fraction by Wt: 10%
Other REC Limits:NONE SPECIFIED
OSHA PEL:150 PPM/STEL 200 PPM
ACGIH TLV:150 PPM/STEL 200 PPM
EPA Rpt Qty:5000 LBS
DOT Rpt Qty:5000 LBS

Ingred Name:VOC: 542 G/L
RTECS #:9999999VO
Other REC Limits:NONE SPECIFIED

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===== 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: VAPORS IRRITATING TO EYES,NOSE,THROAT.INHALED CAUSE HEADACHES,DIFFICULT BREATHING/LOSS OF CONSCIOUSNESS.REPEATED EXPOSURE,ONE MAY DEVELOP ISOCYANATE SENSITIZATION LATER CAUSE REACT TO A LATER E XPO WELL BELOW TLV LEVEL.SKIN:DRYING/CRACKING DUE TO DEFATT ACTION. VOMITING CAUSE ASPIRATION OF SOL'T CHEMICAL PNEUMON.

Explanation of Carcinogenicity:PROP 65-CARCENOGENIC WARNING: THIS PRODUCT CONTAINS A CHEMICAL(S) KNOWN TO THE STATE OF CALIFORNIA TO CAUSE CANCER.

Effects of Overexposure:INHALATION: HEADACHE, DIZZINESS, STAGGERING GAIT, CONFUSION, UNCONSCIOUSNESS/COMA. SKIN/EYES: IRRITATION. SWELLING, REDNESS, & RASH. EYES: LIQUID, AREOSOLS, VAPORS IRRITATING, TEARING, REDNESS, SWELLING, STINGING. INGESTION: ACUTE.CAN RESULT IN IRRITATION & POSSIBLE CORROSIVE ACTION IN MOUTH, STOMACHE, DIGESTIVE TRACT.

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 DEVELOP & MAY BE DELAYED/IMMEDIATE. GET MEDICAL ATTENTION. SKIN: WASH AFFECTED AREAS THOROUGHLY WITH SOAP AND WATER. EYES: FLUSH WITH CLEAN LUKEWARM WATER FOR 15 MINUTES, OCCASIONALLY LIFTING EYELIDS. GET MEDICAL ATTENTION. INGESTION: DO NOT INDUCE VOMITING. DO NOT GIVE ANYTHING TO AN UNCONSCIOUS PERSON. GET MED ATTN.

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

Flash Point Method:TCC

Flash Point:45.0F,7.2C

Lower Limits:1.00 %

Upper Limits:8.00 %

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

Fire Fighting Procedures:FULL FIREFIGHTING EQUIP W/SCBA. H2O TO COOL CLOSED CONTAINERS PREVENT PRESSURE BUILDUP, AUTO IGNITION OR EXPLOSION. HDI/OTHER VAPORS GENER COMBUST/THERM DECOMP

Unusual Fire/Explosi

on Hazard: ISOLATE FROM HEAT. DURING EMERGENCY
CONDITIONS OVEREXPOSE TO DECOMPOSITION PRODUCTS HEALTH HAZARD.
SYMPTOMS NOT IMMEDIATELY APPARENT. APPLICATION: HOT SURFACE REQUIRE SPECIAL PRECAUTIONS.

===== 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.

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

Handling and Storage Precautions: STORE IN BUILDINGS DESIGNED TO COMPLY WITH OSHA 1910.106, AVOID STORING NEAR HIGH TEMPERATURES. STORE IN TIGHTLY CLOSED CONTAINERS. VENTILATE AREA WELL.

Other Precautions: KEEP CONTAINERS UPRIGHT/TIGHT PREVENT LEAKAGE. DON'T BREATHE VAPORS/MIST. AVOID CONTACT WITH SKIN & EYES. DON'T INGEST. DO NOT HANDLE UNTIL THE MANUFACTURER'S SAFETY PRECAUTIONS HAVE BEEN READ & UNDERSTOOD. SMOKE IN DESIGNATED AREAS ONLY.

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

Respiratory Protection: RESPIRATOR RECOMMENDED/APPROVED FOR USE IN AN ORGANIC VAPOR ENVIRONMENT (AIR PURIFYING OR FRESH AIR SUPPLIED) IS NECESSARY. OBSERVE OSHA REGULATIONS. VENTILATE AREA TO KEEP TLV'S BELOW LIMITS. VAPOR PHASE ARTICULATE RESPIRATOR (TC23C NIOSH/MSHA)

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

Protective Gloves: C

OTTON, NEOPRENE, RUBBER, POLYETHYLENE

Eye Protection: CHEMICAL GOGGLES, FULL-FACE SHIELD

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

Work Hygienic Practices: REMOVE & WASH CONTAMINATED CLOTHING BEFORE REUSE. WASH HANDS BEFORE EATING, SMOKING OR USING WASHROOM.

Supplemental Safety and Health

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

HCC: F2

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

Vapor Density: > AIR

Spec Gravity: 0.92677

Evaporat

ion Rate & Reference:1.24 X N-BUTYL ACETATE
Solubility in Water:INSOLUBLE
Appearance and Odor:AMBER LIQUID WITH SOLVENT ODOR.
Percent Volatiles by Volume:63.6

===== 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 Decomp
osition Products:BY HIGH HEAT/TEMPERATURE: CARBON
MONOXIDE, CARBON DIOXIDE, AND OXIDES OF NITROGEN, TRACES OF HCN AND
HDI.

===== 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 INC INERATE CLOSED CONTAINERS.

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