

DEFT INC CHEMICAL COATING DIV -- COMP A, 1-COAT, 17925 PC03W158 -- 8010-01-354-0966

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

Product ID:COMP A, 1-COAT, 17925 PC03W158

MSDS Date:07/16/1992

FSC:8010

NIIN:01-354-0966

Kit Part:Y

MSDS Number: BRKMY

=== 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:71

4-474-0400

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:N-BUTYL ACETATE (VAPOR PRESSURE 13 MM HG @ 68F)

CAS:123-86-4

RTECS #:AF7350000

Fraction by Wt: < 5%

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:ETHYL-3-ETHOXYPROPIONATE (VAPOR PRESSURE .7 MM HG @ 68F)

CAS:763-69-9

RTECS #:UF3325000

Fraction by Wt: 5%

Other REC Limits:50 PPM-TWA/STEL 100

Ingred Name:ANITSETTLING AGENT

Fraction by Wt: < 1%

Other REC Limits:NONE SPECIFIED

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

CAS:108-88-3

RTECS #:XS5250000

Fraction by Wt: 2.09%

Other REC Limits:NONE SPECIFIED

OSHA PEL:200 PPM/150 STEL

ACGIH TLV:50 PP

M; 9293

EPA Rpt Qty:1000 LBS

DOT Rpt Qty:1000 LBS

Ingred Name:C8&10 AROMATIC HYDROCARBON (VAPOR PRESSURE 3 MM HG @ 68F)

CAS:64742-95-6

Fraction by Wt: < 1%

Other REC Limits:100 PPM

Ingred Name:DISPERSION AID

Fraction by Wt: < 1%

Other REC Limits:NONE SPECIFIED

Ingred Name:METHYL N-PROPYL KETONE (VAPOR PRESSURE 27.8 MM HG @ 68F)

CAS:107-87-9

RTECS #:SA7875000

Fraction by Wt: < 5%

Other REC Limits:NONE SPECIFIED

OSHA PEL:200 PPM/STEL 250 PPM

ACGIH TLV:200 PPM/STEL 250 PPM

Ingred Name:ANTI MAR

ication =====

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. INGEST: IRRITATION, CORROSIVE ACTION IN MOUTH,
STOMACH, DIGESTIVE TRACT. VOMIT CAUSE ASPIRATION OF SOLID, RESULT
CHEMICAL PNEUMONITIS.CHRONIC: REPEATED CONTACT DRYING/CRACKING SKIN
DUE TO DEFATTING ACTION.

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

Effects of Overexposure:INHALATION: IRRITATION OF THE RESPIRATORY TRACT
& ACUTE NERVOUS SYSTEM DEPRESSION.CHARACTERIZED BY HEADACHE,
DIZZINESS, STAGGERING GAIT, CONFUSION, UNCONSCIOUSNESS, COMA.
SKIN/EYE: IRRITATION. CONTACT WITH SKIN SWELLING, REDNESS, & RASH.
EYES: LIQUID, AEROSOLS, VAPORS ARE IRRITATING, CAUSE
TEARING,
REDNESS, SWELLING, STINGING

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

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

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

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

Flash Point Method:TCC

Flash Point:45.0F,7.2C

Lower Limits:0.60 %

Upper Limits:11.40 %

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

Fire Fighting Procedures:FULL FIREFIGHTING EQUIPMENT WITH SELF-CONTAINED
BREATHING APPARATUS. WATER

R USED TO COOL CLOSED CONTAINERS TO

PREVENT PRESSURE BUILDUP, AUTO IGNITION OR EXPLOSION.

Unusual Fire/Explosion Hazard: ISOLATE FROM ALL HEAT. CLOSED CONTAINERS MAY EXPLODE WHEN EXPOSED TO HEAT. DURING EMERGENCY CONDITIONS OVEREXPOSE TO DECOMPOSITION PRODUCTS CAUSE HEALTH HAZARD.

===== 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 W/OSHA 1910.106. AVOID STORING NEAR HIGH TEMPERATURES. STORE IN TIGHTLY CLOSED CONTAINERS. VENTILATE AREA WELL.

Other Precautions: PREVENT LEAKAGE. PREVENT BREATHING VAPORS OR SPRAY MISTS. AVOID CONTACT WITH SKIN & EYES. DON'T INGEST. DO NOT HANDLE UNTIL THE

MANUFACTURERS SAFETY PRECAUTIONS HAVE BEEN READ AND UNDERSTOOD. PROLONGED EXPOSURE CAUSE ALLERGIC REACTION.

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

Respiratory Protection: A RESPIRATOR THAT IS RECOMMENDED/APPROVED FOR USE IN AN ORGANIC VAPOR ENVIRONMENT (AIR PURIFYING OR FRESH AIR SUPPLIED) IS NECESSARY. OBSERVE OSHA REGULATIONS FOR RESPIRATOR USE. AN AIR SUPPLIED RESPIRATOR REQUIRED IF TLV'S ABOVE LIMIT.

Ventilation: EXHAUST VENTILATION SUFFICIENT TO

KEEP AIRBORNE

CONCENTRATIONS OF SOLID VAPORS/MISTS BELOW TLV'S MUST BE 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 & WASH CLOTHING BEFORE REUSE.

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

Supplemental Safety and Health

===== Physical/Ch

emical Properties =====

HCC:F2

Boiling Pt:B.P. Text:213 TO 401F

Vapor Density:> AIR

Spec Gravity:1.5054

Evaporation Rate & Reference:0.83 X N-BUTYL ACETATE

Solubility in Water:INSOLUBLE

Appearance and Odor:WHITE LIQUID WITH SOLVENT ODOR

Percent Volatiles by Volume:25.8

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

Stability Indicator/Materials to Avoid:YES

STRONG OXIDIZING AGENTS.

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

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

===== 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 IN CINERATE CLOSED CONTAINERS.

Disclaimer (provided with this information by the compiling agencies):

This information is formulated for use by elements of the Department of Defense. The United States of America in no manner whatsoever, expressly or implied, warrants this information to be accurate and disclaims all liability for its use. Any person utilizing this document should seek competent professional advice to verify and assume responsibility for the suitability of this information to their particular situation.