

DEFT INC -- 27X37 CLEAR WOOD FINISH GLOSS, 010 -- 8010-00N027096

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

Product ID: 27X37 CLEAR WOOD FINISH GLOSS, 010

MSDS Date: 01/03/1989

FSC: 8010

NIIN: 00N027096

MSDS Number: INLLJ

=== 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: 714-474-0400

CAGE: 33458

=== Contractor Identification ===

Company Name: DEFT INC

Address: 17451 VON KARMAN AVE

City: IRVINE

State: CA

ZIP: 92714-6205

Country: US

Phone: 800 424-9300

CAGE: 33458

Company Name: DEFT, INC.

Address: 17451 VON KARMAN AVE

City: IRVINE

State: CA

ZIP: 92614

Country: US

Phone: 949-474-0400

CAGE: 33461

Deft Clear Wood
Finish Gloss

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

Ingred Name: 2-HEPTANONE; (METHYL N-AMYL KETONE). VP: 2.14.

CAS: 110-43-0

RTECS #: MJ5075000

Fraction by Wt: 10%

OSHA PEL: 100 PPM

ACGIH TLV: 50 PPM

Ingred Name: 2-BUTOXYETHANOL; (ETHYLENE GLYCOL MONOBUTYL ETHER). VP:
0.88.

CAS: 111-76-2

RTECS #: KJ8575000

Fraction by Wt: 10%

OSHA PEL: S, 50 PPM

ACGIH TLV: S, 25 PPM; 9293

Ingred Name: ETHYLENE GLYCOL MONOBUTYL ETHER ACETATE; (BUTYL CELLOSOLVE
ACETATE). VP: 0.29.

CAS: 112-07-2

RTECS #: KJ8925000

Fraction by Wt: <5%

Ingrid Name: SUPP DATA: INGEST: ACUTE: CAN RESULT IN IRRIT & POSS
CORROSIVE ACTION IN MOUTH, STOMACH TISS & DIGESTIVE TRACT. (ING 11)
RTECS #: 9999999ZZ

Ingrid Name: ING 10: VOMIT MAY CAUSE ASPIRATION OF SOLVENT, RESULTING IN
CHEM PNEUMONITIS. ANIMAL STUDIES CLEARLY DEMONSTRATED (ING 12)
RTECS #: 9999999ZZ

Ingrid Name: ING 11: DOSE-RELATED ADVERSE EFTS ON THE CNS, THE
HEMATOPOIETIC TISS, THE BLOOD, THE KIDNEYS & THE LIVER, ASSOC'D (ING
13
RTECS #: 9999999ZZ

Ingrid Name: ING 12: W/THE ADMINISTRATION OF ETHYLENE GLYCOL MONOBUTYL
ETHER (EGBE) & ETHYLENE GLYCOL MONOBUTYL ETHER ACETATE (ING 14)
RTECS #: 9999999ZZ

Ingrid Name: ING 13: (EGBEA). (EXTRACTED FROM DHHS (NIOSH) PUBLICATION
NO. 90-118 .
RTECS #: 9999999ZZ

Ingrid Name: FIRST AID PROC: INGEST: DO NOT INDUCE VOMIT. DO NOT GIVE
ANYTHING TO AN UNCON PERS. OBTAIN MEDICAL ATTENTION.
RTECS #: 9999999ZZ

Ingrid Name: OTHER PREC: UNTIL MFR'S SAFETY PRECAUTIONS HAVE BEEN READ
AND UNDERSTOOD.
RTECS #: 9999999ZZ

Ingrid Name: VENT: REMOVE ALL IGNITION SOURCES (HEAT, SPARKS, FLAME, AND
HOT SURFACES).
RTECS #: 9999999ZZ

Ingrid Name: NAPHTHA, MEDIUM ALIPHATIC; (MINERAL SPIRITS). VP: 5.
CAS: 64742-88-7
Fraction by Wt: 15%
OSHA PEL: 500 PPM (MFR)
ACGIH TLV: 100 PPM (MFR)

Ingrid Name: VM&P NAPHTHA; (VM&P NAPHTHA - EC). VP: 26.
CAS: 64742-89-8
Fraction by Wt: 10%
OSHA PEL: 300 PPM; 400 STEL
ACGIH TLV: 300 PPM

Ingrid Name: XYLENE (O-, M-, P- ISOMERS). VP: 21.
CAS: 1330-20-7
RTECS #: ZE2100000
Fraction by Wt: <5%
OSHA PEL: 100 PPM; 150 PPM STEL
ACGIH TLV: 100 PPM; 150 PPM STEL
EPA Rpt Qty: 1000 LBS
DOT Rpt Qty: 1000 LBS

Ingrid Name: ISOPROPYL ALCOHOL; (ISOPROPANOL). VP: 33.
CAS: 67-63-0
RTECS #: NT8050000
Fraction by Wt: <5%
OSHA PEL: 400 PPM; 500 PPM STEL

ACGIH TLV:400 PPM;500 PPM STEL

Ingred Name:BUTYL ALCOHOL; (N-BUTYL ALCOHOL). VP: 4.4.

CAS:71-36-3

RTECS #:E01400000

Fraction by Wt: 5%

OSHA PEL:100 PPM

ACGIH TLV:S, C 50 PPM; 9293

EPA Rpt Qty:5000 LBS

DOT Rpt Qty:5000 LBS

Ingred Name:ISOBUTYRIC ACID, ISOBUTYL ESTER; (ISOBUTYL ISOBUTYRATE).

VP: 3.2.

CAS:97-85-8

RTECS #:N05250000

Fraction by Wt: 10%

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

LD50 LC50 Mixture:NONE SPECIFIED BY MANUFACTURER.

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES

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

Health Hazards Acute and Chronic:ACUTE: VAPORS ARE IRRITATING TO EYES, NOSE, AND THROAT. INHALATION MAY CAUSE HEADACHES, DIFFICULT BREATHING AND LOSS OF CONSCIOUSNESS. CHRONIC: PROLONGED CONTACT WILL CAUSE DRYING AND CRACKING OF THE SKIN, DUE TO DEFATTING ACTION. SKIN SENSITIZATION, ASTHMA OR OTHER ALLERGIC RESPONSES MAY DEVELOP.

Explanation of Carcinogenicity:NOT RELEVANT

Effects of Overexposure:INHAL:IRRIT OF RESP TRACT & ACUTE NERVS SYS DEPRESS CHARACTERIZED BY THE FOLLOWING PROGRESSIVE STEPS: HDCH, DIZZ, STAGGERING GAIT, CONFUSION, UNCON/COMA. SKIN CONT:CAN CAUSE IRRIT. SYMPS MAY BE SWELLI NG, REDNESS & RASH. EYE: LIQ, AREOSOLS/VAPS ARE IRRITATING & MAY CAUSE TEARING, REDNESS & SWELLING (SUPP DATA)

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

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

First Aid:INHAL: MOVE TO AN AREA FREE FROM RISK OF FURTHER EXPOSURE. RESTORE BRTHG. ASTHMATIC TYPE SYMPS MAY DEVELOP & MAY BE IMMEDIATE/DELAYED BY SEVERAL HOURS. OBTAIN MD ATTN. SKIN: REMOVE CONTAMD CLTHG. WASH AFTD AREAS THORO W/SOAP & WATER. WASH CONTAMD CLTHG THORO BEFORE REUSE. EYE: FLUSH W/CLEAN LUKEWARM WATER (LOW PRESS) FOR AT LEAST 15 MIN, OCCASIONALLY LIFTING LIDS. OBTAIN MD ATTN. (ING 15)

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

Flash Point Method:TCC

Flash Point:53.0F,11.7C

Lower Limits:0.88%

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

Fire Fighting Procedures:WEAR NIOSH/MSHA APPROVED SCBA AND FULL PROTECTIVE EQUIPMENT . WATER MAY BE USED TO COOL CLOSED CNTNRS TO PVNT PRESS BUILD-UP, AUTO IGNITION OR EXPLOSION.

Unusual Fire/Explosion Hazard:KEEP CNTNRS TIGHTLY CLSD. ISOLATE FROM HEAT/ SPKS/ELEC EQUIP & OPEN FLAME. CLSD CNTNRS MAY EXPLODE WHEN EXPOS TO EXTREME HEAT. APPLICATN TO HOT SURFS (SUPP DATA)

===== 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.
Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

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

Handling and Storage Precautions:STORE IN BUILDINGS DESIGNED TO COMPLY W/OSHA 1910.106. AVOID STORING NEAR HIGH TEMPS/FIRE/OPEN FLAMES & SPARK SOURCES. STORE IN WELL VENTILATED AREA.
Other Precautions:STORE IN TIGHTLY CLSD CNTNRS. KEEP CNTNRS TIGHT & UPRIGHT TO PVNT LEAKAGE. PVNT PRLNGD BRTHG OF VAPS/SPRAY MISTS. PRLNGD OVEREXP MAY CAUSE ALLERGIC REACTION. AVOID CONT W/SKIN & EYES. DO NOT TAKE INTE RNALLY. DO NOT HANDLE UNTIL (ING 16)

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

Respiratory Protection:A NIOSH/MSHA APPRVD RESPIRATOR THAT IS REC/APPRVD FOR USE IN ORG VAP ENVIRON (AIR PURIFYING/FRESH AIR SUPPLIED) IS NEC. OBSERVE OSHA REGS FOR RESPIRATOR USE. VENT SHOULD BE PROVIDED TO KEEP EXPOS LEVE LS BELOW OSHA PERMISSIBLE LIMITS.
Ventilation:EXHST VENT SUFFICIENT TO KEEP AIRBORNE CONC OF SOLV VAPS/ MISTS BELOW THEIR RESPECTIVE TLV'S MUST BE UTILIZED. (ING 17)
Protective Gloves:NEOPRENE, RUB, POLYETHYLENE GLOVES.
Eye Protection:CHEM WORK GOG/FULL LGTH FSHLD .
Other Protective Equipment:USE LONG SLEEVE AND LONG LEG CLOTHING. REMOVE AND WASH CONTAMINATED CLOTHING BEFORE REUSE.
Work Hygienic Practices:WASH HANDS BEFORE EATING, SMOKING, OR USING WASHROOM. SMOKE IN SMOKING AREAS ONLY.
Supplemental Safety and Health
EXPLO HAZ:REQS SPECIAL PRECAUTIONS. DURING EMER CONDITIONS OVEREXP TO DECOMP PRODS MAY CAUSE HLTH HAZ. SYMPS MAY NOT BE IMMED APPARENT. EFTS OF OVEREXP:ACCOMPANIED BY A STINGING SENSATION. SKIN ABSORP TION:PRLNGD/RPTD CONT CAN CAUSE MOD IRRIT, DRYING & DEFAT OF SKIN WHICH CAN CAUSE SKIN TO CRACK. (ING 10)

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

HCC:F3
Boiling Pt:B.P. Text:>181F,>83C
Vapor Pres:SEE INGRED
Vapor Density:HVR/AIR
Evaporation Rate & Reference:0.42 (N-BUTYL ACETATE)
Appearance and Odor:AMBER LIQUID WITH SOLVENT ODOR.
Percent Volatiles by Volume:79

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

Stability Indicator/Materials to Avoid:YES
STRONG OXIDIZING AGENTS, STRONG ACIDS.
Stability Condition to Avoid:HIGH TEMPERATURES, SPARKS, OR OPEN FLAMES.
Hazardous Decomposition Products:BY HIGH HEAT/TEMP: CARBON MONOXIDE, CARBON DIOXIDE, AND OXIDES OF NITROGEN.

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

Waste Disposal Methods: WASTE MUST BE DISPOSED OF I/A/W FEDERAL, STATE,
AND LOCAL 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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