

DEFT -- 27X37 CLEAR WOOD FINISH GLOSS, 010

MATERIAL SAFETY DATA SHEET

NSN: 801000N027096

Manufacturer's CAGE: 33461

Part No. Indicator: A

Part Number/Trade Name: 27X37 CLEAR WOOD FINISH GLOSS, 010

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Company's Name: DEFT INC
Company's Street: 17451 VON KARMAN AVE
Company's City: IRVINE
Company's State: CA

Company's Country: US

Company's Zip Code: 92714

Company's Emerg Ph #: 714-474-0400

Company's Info Ph #: 714-474-0400

Record No For Safety Entry: 001

Tot Safety Entries This Stk#: 001

Status: SMJ

Date MSDS Prepared: 03JAN89

Safety Data Review Date: 25FEB92

MSDS Serial Number: BNLLJ

Hazard Characteristic Code: F3

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Ingredients/Identity Information

Proprietary: NO

Ingredient: NAPHTHA, MEDIUM ALIPHATIC; (MINERAL SPIRITS). VP 5

Ingredient Sequence Number: 01

Percent: 15

NIOSH (RTECS) Number: 1003692SN

CAS Number: 64742-88-7

OSHA PEL: 500 PPM (MFR)

ACGIH TLV: 100 PPM (MFR)

Proprietary: NO

Ingredient: VM&P NAPHTHA; (VM&P NAPHTHA - EC). VP 26.

Ingredient Sequence Number: 02

Percent: 10

NIOSH (RTECS) Number: 1004249NP

CAS Number: 64742-89-8

OSHA PEL: 300 PPM; 400 STEL

ACGIH TLV: 300 PPM

Proprietary: NO

Ingredient: XYLENE (O-,M-,P- ISOMERS). VP: 21.

Ingredient Sequence Number: 03

Percent: <5

NIOSH (RTECS) Number: ZE2100000

CAS Number: 1330-20-7

OSHA PEL: 100 PPM; 150 PPM STEL

ACGIH TLV: 100 PPM; 150 PPM STEL

Proprietary: NO

Ingredient: ISOPROPYL ALCOHOL; (ISOPROPANOL). VP 33

Ingredient Sequence Number: 04

Percent: <5
NIOSH (RTECS) Number: NT8050000
CAS Number: 67-63-0
OSHA PEL: 400 PPM;500 PPM STEL
ACGIH TLV: 400 PPM;500 PPM STEL

Proprietary: NO
Ingredient: BUTYL ALCOHOL; (N-BUTYL ALCOHOL). VP: 4.4.
Ingredient Sequence Number: 05
Percent: 5
NIOSH (RTECS) Number: E01400000
CAS Number: 71-36-3
OSHA PEL: 100 PPM
ACGIH TLV: S, C 50 PPM; 9293

Proprietary: NO

3.2.
Ingredient Sequence Number: 06
Percent: 10
NIOSH (RTECS) Number: NQ5250000
CAS Number: 97-85-8
OSHA PEL: NOT APPLICABLE
ACGIH TLV: NOT APPLICABLE

Proprietary: NO
Ingredient: 2-HEPTANONE; (METHYL N-AMYL KETONE). VP: 2.14.
Ingredient Sequence Number: 07
Percent: 10
NIOSH (RTECS) Number: MJ5075000
CAS Number: 110-43-0
OSHA PEL: 100 PPM
ACGIH TLV: 50 PPM

Proprietary: NO
Ingredient: 2-BUTOXYETHANOL; (ETHYLENE GLYCOL MONOBUTYL ETHER). VP: 0.88.
Ingredient Sequence Number: 08
Percent: 10
NIOSH (RTECS) Number: KJ8575000
CAS Number: 111-76-2
OSHA PEL: S, 50 PPM
ACGIH TLV: S, 25 PPM; 9293

Proprietary: NO
Ingredient: ETHYLENE GLYCOL MONOBUTYL ETHER ACETATE; (BUTYL CELLOSOLVE
ACETATE). VP: 0.29.
Ingredient Sequence Number: 09
Percent: <5
NIOSH (RTECS) Number: KJ8925000
CAS Number: 112-07-2
OSHA PEL: NOT APPLICABLE
ACGIH TLV: NOT APPLICABLE

Proprietary: NO
Ingredient: SUPP DATA: INGEST: ACUTE: CAN RESULT IN IRRIT & POSS CORROSIVE
ACTION IN MOUTH, STOMACH TISS & DIGESTIVE TRACT. (ING 11)
Ingredient Sequence Number: 10
NIOSH (RTECS) Number: 9999999ZZ

OSHA PEL: NOT APPLICABLE
ACGIH TLV: NOT APPLICABLE

Proprietary: NO
Ingredient: ING 10:VOMIT MAY CAUSE ASPIRATION OF SOLVENT, RESULTING IN
CHEM PNEUMONITIS.ANIMAL STUDIES CLEARLY DEMONSTRATED (ING 12)
Ingredient Sequence Number: 11
NIOSH (RTECS) Number: 9999999ZZ
OSHA PEL: NOT APPLICABLE
ACGIH TLV: NOT APPLICABLE

Proprietary: NO
Ingredient: ING 11:DOSE-RELATED ADVERSE EFTS ON THE CNS, THE HEMATOPOIETIC
TISS, THE BLOOD, THE KIDNEYS & THE LIVER, ASSOCD (ING 13)
Ingredient Sequence Number: 12
NIOSH (RTECS) Number: 9999999ZZ
OSHA PEL: NOT APPLICABLE
ACGIH TLV: NOT APPLICABLE

Proprietary: NO
Ingredient: ING 12:W/THE ADMINISTRATION OF ETHYLENE GLYCOL MONOBUTYL ETHER
(EGBE) & ETHYLENE GLYCOL MONOBUTYL ETHER ACETATE (ING 14)
Ingredient Sequence Number: 13
NIOSH (RTECS) Number: 9999999ZZ
OSHA PEL: NOT APPLICABLE
ACGIH TLV: NOT APPLICABLE

Proprietary: NO
Ingredient: ING 13:(EGBEA). (EXTRACTED FROM DHHS (NIOSH) PUBLICATION NO.
90-118 (FP N)).
Ingredient Sequence Number: 14
NIOSH (RTECS) Number: 9999999ZZ
OSHA PEL: NOT APPLICABLE
ACGIH TLV: NOT APPLICABLE

Proprietary: NO
Ingredient: FIRST AID PROC: INGEST: DO NOT INDUCE VOMIT. DO NOT GIVE
ANYTHING TO AN UNCON PERS. OBTAIN MEDICAL ATTENTION.
Ingredient Sequence Number: 15
NIOSH (RTECS) Number: 9999999ZZ
OSHA PEL: NOT APPLICABLE
ACGIH TLV: NOT APPLICABLE

Proprietary: NO
Ingredient: OTHER PREC: UNTIL MFR'S SAFETY PRECAUTIONS HAVE BEEN READ AND
UNDERSTOOD.
Ingredient Sequence Number: 16
NIOSH (RTECS) Number: 9999999ZZ
OSHA PEL: NOT APPLICABLE
ACGIH TLV: NOT APPLICABLE

Proprietary: NO
Ingredient: VENT: REMOVE ALL IGNITION SOURCES (HEAT, SPARKS, FLAME, AND
HOT SURFACES).
Ingredient Sequence Number: 17
NIOSH (RTECS) Number: 9999999ZZ
OSHA PEL: NOT APPLICABLE

ACGIH TLV: NOT APPLICABLE

Physical/Chemical Characteristics

Appearance And Odor: AMBER LIQUID WITH SOLVENT ODOR.
Boiling Point: 181F,83C
Vapor Pressure (MM Hg/70 F): SEE INGRED
Vapor Density (Air=1): HVR/AIR
Evaporation Rate And Ref: 0.42 (N-BUTYL ACETATE)
Percent Volatiles By Volume: 79

NOT RELEVANT

Health Hazard Data

LD50-LC50 Mixture: NONE SPECIFIED BY MANUFACTURER
Route Of Entry - Inhalation: YES
Route Of Entry - Skin: YES
Route Of Entry - Ingestion: YES

Health Haz 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.

Carcinogenicity - NTP: NO
Carcinogenicity - IARC: NO
Carcinogenicity - OSHA: NO

Explanation Carcinogenicity: NOT RELEVANT

Signs/Symptoms Of Overexp: 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 SWELLING, REDNESS & RASH. EYE: LIQ, AREOSOLS/VAPS ARE IRRITATING & MAY CAUSE TEARING, REDNESS & SWELLING (SUPP DATA)

Med Cond Aggravated By Exp: ASTHMA AND ANY OTHER RESPIRATORY DISORDERS. SKIN ALLERGIES, ECZEMA, AND DERMATITIS.

Emergency/First Aid Proc: 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)

Precautions for Safe Handling and Use

Steps If Matl Released/Spill: 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.
Waste Disposal Method: 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.
Precautions-Handling/Storing: 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 INTERNALLY. DO NOT HANDLE UNTIL (ING 16)

Control Measures

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 LEVELS 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 (FP N).
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.
Suppl. Safety & Health Data: 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 ABSORPTION:PRLNGD/RPTD CONT CAN CAUSE MOD IRRIT, DRYING & DEFAT OF SKIN WHICH CAN CAUSE SKIN TO CRACK. (ING 10)

Transportation Data

Trans Data Review Date: 92212
DOT PSN Code: LFD
DOT Proper Shipping Name: PAINT
DOT Class: 3
DOT ID Number: UN1263
DOT Pack Group: II
DOT Label: FLAMMABLE LIQUID
IMO PSN Code: LCP
IMO Proper Shipping Name: PAINT OR PAINT RELATED MATERIAL
IMO Regulations Page Number: 3268
IMO UN Number: 1263