

MATERIAL SAFETY DATA SHEET

AEROSOL LIQUID

SECTION I: PRODUCTION INFORMATION

MANUFACTURER'S NAME : DEMERT BRANDS
ADDRESS : 15402 N. NEBRASKA AVE.
LUTZ,FL 33549
EMERGENCY TELEPHONE : (813) 903-0434

TRADE NAME : Nail Enamel Dryer
CHEMICAL NAME : Mixture
PRODUCT USE : Personal care
FORMULA NUMBER : 007-150
UN 1950
WHMIS CLASSIFICATION : A,D-2B,B-5 Flammable Aerosol

SECTION II: HAZARDOUS INGREDIENTS

<u>INGREDIENT</u>	<u>CAS NUMBER</u>	<u>PIN</u> (UN)	<u>% WEIGHT</u>	<u>EXPOSURE LIMITS</u> TLV,LD50,LC50
Ethyl Alcohol	64-17-5	(1987)	.01-1.0	TLV 1000 ppm Rat,oralLD50 14g/Kg Derm,Rbt LD50 >20g/Kg Inh.Rat LC50:21700ppm 21.8 Hr
Fragrance	N/A		.1-.3	N/A
PROPELLANT(S): Isobutane	75-28-5	(1075)	70-85	TLV 1000 ppm
Propane	74-98-6	(1075)	5-15	

SECTION III : PHYSICAL DATA

THE FOLLOWING PHYSICAL DATA ARE APPROXIMATE ONLY AND DO NOT REPRESENT SPECIFICATION VALUES.THEY SHOULD ONLY BE USED IN THE CONTEXT OF THIS MATERIAL SAFETY DATA SHEET

PHYSICAL STATE : Mixture of Liquid and propellant
BOILING POINT (°C) : N/A
VAPOUR PRESSURE (psig at 21 °C) : 40-50 psig
VAPOUR DENSITY (AIR=1) : > 1
SOLUBILITY IN WATER(%by Wt) : 1%
APPEARANCE AND ODOUR : Clear liquid
SPECIFIC GRAVITY (WATER=1) : .549
% VOLATILE BY VOLUME : 99%
EVAPORATION RATE(n-BUTYL ACETATE=1) : < 1
pH : 8.0-8.5
FREEZING POINT : N/A

SECTION IV : FIRE AND EXPLOSION HAZARDS

FLASH POINT : < -73 °C METHOD USED TAG CLOSED CUP
Propellant only X ESTIMATED
FLAMMABLE LIMITS IN AIR(% BY VOLUME)
LOWER : 1.8-2.2
UPPER : 8.4-9.5
AUTO IGNITION TEMPERATURE : N/A °C
EXTINGUISHING MEDIA X DRY CHEMICAL,CO2,FOAM
 OTHER

SPECIAL FIRE FIGHTING PROCEDURES :

X WATER FROM FOGGING NOZZLES MAY BE USED TO COOL CLOSED CONTAINERS TO PREVENT PRESSURE BUILD UP IF EXPOSED TO EXTREME TEMPERATURES.
 OTHER

UNUSUAL FIRE AND EXPLOSION HAZARDS :

X CONTAINERS MAY EXPLODE IF EXPOSED TO TEMPERATURES > 50 °C.
X SENSITIVE TO SHOCK
X SENSITIVE TO STATIC DISCHARGE

FLAMMABILITY OF AN AEROSOL IS DETERMINED BY FLAME PROJECTION.THE FLAME PROJECTION OF THIS PRODUCT IS CLASSIFIED AS:

 ZERO cm (NON-FLAMMABLE)
 0 - 15 cm (CAUTION)
 15- 45 cm (WARNING)
X OVER 45 cm (DANGER)

HAZARDOUS COMBUSTION PRODUCTS :

 POSSIBLE PHOSGENE OVER 500 °C
X HYDROCARBON FUMES AND SMOKE,CO WHERE COMBUSTION IS INCOMPLETE.
 OTHER

SECTION V : REACTIVITY DATA

STABILITY : STABLE
 UNSTABLE

HAZARDOUS POLYMERIZATION: WILL NOT OCCUR
 MAY OCCUR

CONDITIONS TO AVOID : STORAGE IN HOT, UNVENTILATED AREAS
 OTHER

HAZARDOUS DECOMPOSITION : POSSIBLE PHOSGENE OVER 500 °C
PRODUCTS : HYDROCARBON FUMES AND SMOKE, CO WHERE
 COMBUSTION IS INCOMPLETE
 OTHER

SECTION VI : TOXICOLOGICAL PROPERTIES

THRESHOLD LIMIT VALUE : SEE SECTION II

EFFECTS OF OVEREXPOSURE: ACUTE: DIZZINESS, NAUSEA, IRRITATION TO SKIN
 AND EYES
 CHRONIC: SOLVENTS MAY CAUSE DEFATTING
 DERMATITIS.

TOXICOLOGICAL SYNERGISTIC PRODUCTS:

SENSITIZATION TO PRODUCT: SKIN
 RESPIRATORY
 ALLERGEN
 PRESENTLY UNKNOWN

REPRODUCTIVE EFFECTS : N/A
TERATOGENICITY : N/A
MUTAGENICITY : N/A

IRRITANCY OF PRODUCT : NON-IRRITANT
 IRRITANT
 PRESENTLY UNKNOWN

CARGINOGENICITY OF PRODUCT : PRESENTLY UNKNOWN

SECTION VII : PREVENTIVE MEASURES

RECOMMENDATIONS LISTED IN THIS SECTION INDICATE THE TYPE OF EQUIPMENT WHICH WILL PROVIDE PROTECTION AGAINST OVER EXPOSURE TO THIS PRODUCT. CONDITIONS OF USE, ADEQUACY OF ENGINEERING OR OTHER CONTROL MEASURES AND ACTUAL EXPOSURES WILL DICTATE THE NEED FOR SPECIFIC PROTECTION DEVICES AT YOUR WORKPLACE.

PRODUCT NAME : Nail dry (007-150)
MSDS

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PERSONAL PROTECTIVE EQUIPMENT TO BE USED

PROTECTIVE GLOVES : REQUIRED
 NOT NORMALLY REQUIRED
EYE PROTECTION : REQUIRED
 NOT NORMALLY REQUIRED
OTHER PROTECTIVE : REQUIRED
EQUIPMENT NOT NORMALLY REQUIRED

VENTILLATION : LOCAL
 MECHANICAL IF USED INDOORS ON A CONTINUOUS
BASIS

SPILL OR LEAK PROCEDURE

WASTE DISPOSAL METHOD: DISPOSE OF IN ACCORDANCE WITH LOCAL,PROVINCIAL
AND FEDERAL REGULATIONS STEP TO BE TAKEN IN CASE
MATERIAL IS RELEASED OR SPILLED.
REMOVE ALL SOURCE OF IGNITION ,USE INERT
ABSORBENT MATERIAL ,AND NON-SPARKING TO AVOID
BREATHING FUMES.
VENTILATE AREA. PREVENT FROM ENTERING A WATER
COURSE.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING

STORE IN A COOL,WELL-VENTILLATED AREA NOT TO EXCEED 50 °C

OTHER PRECAUTIONS : DO NOT PUNCTURE OR INCINERATE CONTAINERS EVEN WHEN
EMPTY.

SECTION VIII : FIRST AID MEASURES

REMOVE PATIENT TO FRESH AIR., FLUSH EXPOSED SKIN AND EYES WITH COPIOUS
AMOUNTS OF WATER. IF INGESTED,DO NOT INDUCE VOMITING. CALL A PHYSICIAN
IMMEDIATELY.

SECTION IX : PREPARATION INFORMATION

PRPARED BY : NICK DISERIS
DATE OF PREPARATION : March 22, 2001

THE INFORMATION CONTAINED IN THIS FORM IS BASED ON DATA FROM SOURCES
CONSIDERED TECHNICALLY RELIABLE AND HAS BEEN PREPARED IN GOOD FAITH IN
ACCORDANCE WITH THE AVAILABLE MATERIAL. IT IS PROVIDED AS A SERVICE TO
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