DPM 589 - 7500

DESOTO, INC.
MATERIAL SAFETY DATA SHEET NPCA 1-72
FOR COATINGS, RESINS, AND RELATED MATERIALS
(APPROVED BY US DEPARTMENT OF LABOR "ESSENTIALLY SIMILAR" TO FORM OSHA-20)

SECTION I

DESOTO, INC.
ADMINISTRATIVE AND RESEARCH CENTER

1700 S. MT. PROSPECT ROAD
DES PLAINES, ILLINOIS 60018

EMERGENCY TELEPHONE (312) 391-9000

PRODUCT CLASS
MODIFIED POLYESTER

MANUFACTURERS CODE IDENTIFICATION
821T213

TRADE NAME S.DESOTHANE WHITE ENAMEL
SUPERSEDES 09/15/82 MSDS

DATE OF PREPARATION 03/27/84

********** SECTION II-HAZARDOUS INGREDIENTS **********

INGREDIENT	% BY* WEIGHT	TLV PPM	TLV MG/CU.M	LEL	VAPOR PRESSURE @ 20 DEG C
BUTYL ACETATE	5.0	150	710	1.7	8.0
2-ETHOXYETHYL ACETATE-SKIN	15.0	5	27	1.8	2.0
ETHYL ACETATE	20.0	400	1400	2.2	76
TALC NON ASBESTIFORM	15.0	20MPPCF		NA	NA
METHYL ISOBUTYL KETONE-SKIN	5.0	50	205	1.4	15

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* PERCENT BY WEIGHT:
TO NEAREST 5%, PLUS OR MINUS 5%, FOR SUBSTANCES 5-95%;
<5.0 FOR SUBSTANCES 0.5-5.0%;
<0.5 FOR SUBSTANCES 0.0-0.5%.

NE = NOT ESTABLISHED
NA = NOT APPLICABLE

********** SECTION III-PHYSICAL DATA **********

PROPERTY	MEASUREMENT
BOILING RANGE	171.0 TO 313.0 DEG F. @760 MM HG; 77.0 TO 156.0 DEG C.
VAPOR DENSITY	X HEAVIER; LIGHTER THAN AIR
WEIGHT PER GALLON	10.3 LBS.
PERCENT VOLATILE BY VOLUME	65.9
EVAPORATION RATE	FASTER; X SLOWER THAN ETHER

********** SECTION IV-FIRE AND EXPLOSION DATA **********

DOT CATEGORY	FLAMMABLE LIQUID	FLASH POINT	31.0 DEG F.
OSHA CATEGORY	FLAMMABLE LIQUID-CLASS I B	(CLOSED CUP)	-0.6 DEG C.

LOWER EXPLOSIVE LIMIT SEE II

EXTINGUISHING MEDIA: USE NATIONAL FIRE PROTECTION ASSOCIATION CLASS B EXTINGUISHERS (CARBON DIOXIDE, DRY CHEMICAL OR FOAM).

UNUSUAL FIRE AND EXPLOSION HAZARDS: KEEP CONTAINERS TIGHTLY CLOSED. ISOLATE FROM HEAT, ELECTRICAL EQUIPMENT, SPARKS AND OPEN FLAME. CLOSED CONTAINERS MAY EXPLODE WHEN EXPOSED TO EXTREME HEAT. DO NOT APPLY TO HOT SURFACES.
SPECIAL FIRE FIGHTING PROCEDURES: WATER SPRAY MAY BE INEFFECTIVE. WATER MAY BE USED TO COOL CLOSED CONTAINERS TO PREVENT PRESSURE BUILD-UP AND POSSIBLE AUTO IGNITION OR EXPLOSION WHEN EXPOSED TO EXTREME HEAT. IF WATER IS USED, FOG NOZZLES ARE PREFERABLE. WEAR NIOSH APPROVED SELF-CONTAINED BREATHING APPARATUS AND PROTECTIVE CLOTHING TO PREVENT CONTACT WITH SKIN AND EYES.

********** SECTION V-HEALTH HAZARD DATA **********

THRESHOLD LIMIT VALUE: SEE II (NOT ESTABLISHED FOR PRODUCT)

EFFECTS OF OVEREXPOSURE:
INHALATION: ANESTHETIC. IRRITATION OF THE RESPIRATORY TRACT OR ACUTE NERVOUS SYSTEM DEPRESSION CHARACTERIZED BY HEADACHE, DIZZINESS, STAGGERING GAIT, CONFUSION, UNCONSCIOUSNESS OR COMA.

SKIN OR EYE CONTACT: PRIMARY IRRITATION.

OTHER HEALTH EFFECTS:
REPRODUCTIVE AND BLOOD DISORDERS AND BIRTH DEFECTS HAVE BEEN OBSERVED IN TESTS ON LABORATORY ANIMALS WITH 2-METHOXYETHANOL, 2-ETHOXYETHANOL, AND 2-ETHOXYETHYL ACETATE. BECAUSE THIS PRODUCT CONTAINS AT LEAST ONE OF THESE SOLVENTS, HANDLING PRECAUTIONS AS OUTLINED IN SECTIONS VIII AND IX SHOULD BE CAREFULLY FOLLOWED TO AVOID OVEREXPOSURE.

EMERGENCY AND FIRST AID PROCEDURES: INHALATION: REMOVE FROM EXPOSURE. RESTORE BREATHING. KEEP WARM AND QUIET. NOTIFY A PHYSICIAN. SKIN CONTACT: WASH AFFECTED AREAS WITH WATER. REMOVE CONTAMINATED CLOTHING. CONSULT A PHYSICIAN. EYE CONTACT: FLUSH WITH WATER FOR 15 MINUTES. CONSULT A PHYSICIAN. INGESTION: CONSULT A PHYSICIAN.

********** SECTION VI-REACTIVITY DATA **********

STABILITY: UNSTABLE X STABLE

INCOMPATIBILITY (MATERIALS TO AVOID):

HAZARDOUS DECOMPOSITION PRODUCTS: PRODUCTS OF COMBUSTION ARE HAZARDOUS.

HAZARDOUS POLYMERIZATION: MAY OCCUR X WILL NOT OCCUR

CONDITIONS TO AVOID:

********** SECTION VII-SPILL OR LEAK PROCEDURES**********

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: REMOVE ALL SOURCES OF IGNITION. AVOID BREATHING VAPORS. VENTILATE AREA. REMOVE WITH INERT ABSORBENT AND NON-SPARKING TOOLS.

WASTE DISPOSAL METHODS: DISPOSE IN ACCORDANCE WITH LOCAL, STATE AND FEDERAL REGULATIONS. INCINERATE IN APPROVED FACILITY. DO NOT INCINERATE CLOSED CONTAINERS.

**********SECTION VIII-SPECIAL PROTECTION INFORMATION **********

RESPIRATORY PROTECTION:
IF EXPOSURE EXCEEDS OCCUPATIONAL EXPOSURE LIMITS INDICATED IN SECTION II USE NIOSH/MSHA APPROVED ORGANIC VAPOR RESPIRATOR. IN CONFINED AREAS USE NIOSH/MSHA APPROVED AIR LINE TYPE RESPIRATORS OR HOODS.

VENTILATION: WHERE EMPLOYEES MAY BE EXPOSED, PROVIDE GENERAL DILUTION OR LOCAL EXHAUST VENTILATION IN VOLUME AND PATTERN TO KEEP LEVEL OF HAZARDOUS INGREDIENTS IN SECTION II BELOW RECOMMENDED (ACGIH) OR REGULATED (OSHA) LIMIT. WHERE EMPLOYEES WILL NOT BE EXPOSED, KEEP LEL IN SECTION II BELOW 25% OF LIMIT.

PROTECTIVE GLOVES: RECOMMENDED X REQUIRED

EYE PROTECTION: USE SAFETY EYEWARE DESIGNED TO PROTECT AGAINST SPLASH OF LIQUIDS.

OTHER PROTECTIVE EQUIPMENT: AVOID SKIN CONTACT BY USE OF OTHER PROTECTIVE CLOTHING. A SAFETY SHOWER, AN EYE BATH AND WASHING FACILITIES SHOULD BE AVAILABLE.

********** SECTION IX-SPECIAL PRECAUTIONS **********

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING: DO NOT STORE ABOVE 120 DEG. F. STORE LARGE QUANTITIES IN BUILDINGS DESIGNED FOR STORAGE OF FLAMMABLE LIQUIDS.

OTHER PRECAUTIONS: DO NOT TAKE INTERNALLY. CONTAINERS SHOULD BE GROUNDED WHEN POURING. AVOID FREE FALL OF LIQUID IN EXCESS OF A FEW INCHES.

CONTAMINATED CLOTHING SHOULD BE WASHED BEFORE REUSE

DO NOT SAND, FLAME CUT, BRAZE OR WELD THE DRY COATING WITHOUT NIOSH APPROVED RESPIRATOR OR APPROPRIATE VENTILATION.

OBSERVE PRECAUTIONARY LABEL WARNINGS.

PREPARED BY S. M. STEVENSON