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U.S. DEPARTMENT OF LABOR

Form No. OSHA-20
May, 1971

MATERIAL SAFETY DATA SHEET

SECTION I

MANUFACTURER'S NAME: MONSANTO COMPANY
EMERGENCY TELEPHONE NO.: (314) 694-1000
ADDRESS (Number, Street, City, State, and ZIP Code): 800 North Lindbergh Boulevard, St. Louis, Missouri 63166
CHEMICAL NAME AND SYNONYMS:
TRADE NAME AND SYNONYMS: SANTOWAX R
CHEMICAL FAMILY: AROMATIC HYDROCARBON
FORMULA:

SECTION II HAZARDOUS INGREDIENTS

PAINTS, PRESERVATIVES, & SOLVENTS	%	TLV (Units)	ALLOYS AND METALLIC COATINGS	%	TLV (Units)
PIGMENTS			BASE METAL		
CATALYST			ALLOYS		
VEHICLE			METALLIC COATINGS		
SOLVENTS			FILLER METAL PLUS COATING OR CORE FLUX		
ADDITIVES			OTHERS		
OTHERS					

HAZARDOUS MIXTURES OF OTHER LIQUIDS, SOLIDS, OR GASES	%	TLV (Units)

SECTION III PHYSICAL DATA

BOILING POINT: 760 mm. IBP	364 °C	SPECIFIC GRAVITY (H_2O=1): 25/4°C.	1.133
VAPOR PRESSURE (mm Hg.): 150°C.	1.3 mm.	PERCENT VOLATILE BY VOLUME (%)	N.A.
VAPOR DENSITY (AIR=1)	N.A.	EVAPORATION RATE (_____=1)	N.A.
SOLUBILITY IN WATER	Negligible		

APPEARANCE AND ODOR: Waxy, yellow solid - odor faint

SECTION IV FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (Method used): 375°F.	FLAMMABLE LIMITS	Lel	Uel
EXTINGUISHING MEDIA: CO_2 or dry chemical			
SPECIAL FIRE FIGHTING PROCEDURES			
UNUSUAL FIRE AND EXPLOSION HAZARDS: Dust clouds Santowax R in air are ignited by hot surfaces, open flames, and high voltage induction sparks and electrical condenser discharge sparks.			

Min. explosive concentration, oz./cu.ft. = 0.035
100 ASTM sieve powder.

DSW 201996

STLCOPCB4060063

SANTOWAX R

SECTION V HEALTH HAZARD DATA

THRESHOLD LIMIT VALUE	Not established.
EFFECTS OF OVEREXPOSURE	No known effects caused by over exposure. Not to be taken internally; avoid constant eye and skin exposure.
EMERGENCY AND FIRST AID PROCEDURES	

SECTION VI REACTIVITY DATA

STABILITY	UNSTABLE		CONDITIONS TO AVOID
	STABLE	X	

INCOMPATABILITY *(Materials to avoid)* NONE

HAZARDOUS DECOMPOSITION PRODUCTS CO_2, CO, Smoke, Soot

HAZARDOUS POLYMERIZATION	MAY OCCUR		CONDITIONS TO AVOID
	WILL NOT OCCUR	X	

SECTION VII SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED Let the material solidify - scrape and break up for recycling if cleanliness of the area permits - if not dispose of as solid waste.

WASTE DISPOSAL METHOD Bury in approved chemical landfill in accordance with local and state regulations.

SECTION VIII SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION *(Specify type)* Bureau of Mines dust respirator if high dust condition exists.

VENTILATION	LOCAL EXHAUST	For fumes & dust.	SPECIAL
	MECHANICAL *(General)*		OTHER

PROTECTIVE GLOVES	leather	EYE PROTECTION	chemical goggles

OTHER PROTECTIVE EQUIPMENT

SECTION IX SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING Powdered material should not be stored where electrical sparks, etc., are generated.

OTHER PRECAUTIONS Avoid skin and eye contact with dust.

DSW 201997

While the information and recommendations set forth herein are believed to be accurate as of the date hereof, MONSANTO COMPANY MAKES NO WARRANTY WITH RESPECT THERETO AND DISCLAIMS ALL LIABILITY FROM RELIANCE THEREON.

WBD:HOH:EPW:WBP

3/2/72

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