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U.S. DEPARTMENT OF LABOR

Form No. OSHA-20
May, 1971

MATERIAL SAFETY DATA SHEET

SECTION I

MANUFACTURER'S NAME	EMERGENCY TELEPHONE NO.
MONSANTO COMPANY	(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	FORMULA
AROMATIC HYDROCARBON	

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 (°F.) 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)	FLAMMABLE LIMITS	LEL	UEL
375°F.			

EXTINGUISHING MEDIA CO_2 or dry chemical

SPECIAL FIRE FIGHTING PROCEDURES

DSW 267346

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.

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 267347

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:RON:EPW:WBP 3/2/72

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