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U.S. DEPARTMENT OF LABOR

WORKPLACE STANDARDS ADMINISTRATION

Bureau of Labor Standards

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 N. Lindbergh Blvd., St. Louis, Mo. 63166	
CHEMICAL NAME AND SYNONYMS	TRADE NAME AND SYNONYMS
Mixture	Therminol 55
CHEMICAL FAMILY	FORMULA
Alkylated Benzene	Mixture

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)
Not hazardous by definitions in 29 CFR section 1501.2 which pertains to this data sheet.		

SECTION III PHYSICAL DATA

BOILING POINT (°F.) at 760 mm	>610°F	SPECIFIC GRAVITY (H_2O = 1) 20/20°C	0.90
VAPOR PRESSURE (mm Hg.) at 20°C	<1 mm	PERCENT VOLATILE BY VOLUME (%)	N.A.
VAPOR DENSITY (AIR=1)	N.A.	EVAPORATION RATE (BuAc = 1)	<1
SOLUBILITY IN WATER	Negligible		
APPEARANCE AND ODOR	Clear yellow liquid - essentially odorless		

SECTION IV FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (Method used)	FLAMMABLE LIMITS	Lel	Uel
Pensky-Marten 355°F			

EXTINGUISHING MEDIA
Dry powder, CO_2, chemical foam, water fog

SPECIAL FIRE FIGHTING PROCEDURES

DSW 267349

UNUSUAL FIRE AND EXPLOSION HAZARDS

STLCOPCB4062762

Therminol 55

SECTION V HEALTH HAZARD DATA

THRESHOLD LIMIT VALUE: None established.

EFFECTS OF OVEREXPOSURE: Impossible at ambient temperature. Excessive high temperature may product irritating vapors (similar to lubricating oil).

EMERGENCY AND FIRST AID PROCEDURES: Unlikely to be necessary. Remove to fresh air.

SECTION VI REACTIVITY DATA

STABILITY	UNSTABLE		CONDITIONS TO AVOID
	STABLE	X	

INCOMPATABILITY *(Materials to avoid)*

HAZARDOUS DECOMPOSITION PRODUCTS

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

WASTE DISPOSAL METHOD: Same as used motor oil.

SECTION VIII SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION *(Specify type)*: Not necessary.

VENTILATION	LOCAL EXHAUST	Not necessary.	SPECIAL
	MECHANICAL *(General)*	Not necessary.	OTHER

PROTECTIVE GLOVES: Not necessary.

EYE PROTECTION: Not necessary except as good industrial practice.

OTHER PROTECTIVE EQUIPMENT

SECTION IX SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING: Although no special precautions appear necessary, good industrial practice as to housekeeping, personal hygiene, avoidance of prolonged and repeated skin contact and splashing in eyes is indicated.

OTHER PRECAUTIONS

DSW 267350

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.