

INFORMATION NEED TO MEET
REQUIREMENTS OF
OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION
CFR TITLE 29
CH XVII PART 1910 SUBPART G
MATERIAL SAFETY DATA SHEET

SECTION I	
MANUFACTURER'S NAME <i>ACME CO.</i>	EMERGENCY TELEPHONE NO. <i>(214) 644-1000</i>
ADDRESS (Number, Street, City, State, and ZIP Code) <i>111 N. LINCOLN ST. DALLAS, TX 75202</i>	
CHEMICAL NAME AND SYNONYMS <i>MIX OF CHLORINATED BIPHENYLS</i>	TRADE NAME AND SYNONYMS <i>PERMATEX 113</i>
CHEMICAL FAMILY <i>4,4'-DIBROMINATED BIPHENYL</i>	FORMULA

SECTION II HAZARDOUS INGREDIENTS			
PAINTS, PRESERVATIVES, & SOLVENTS	%	TLV (Units)	ALLOYS AND METALLIC COATINGS
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 (°C) <i>200.0 - 210.0</i>	SPECIFIC GRAVITY (H ₂ O=1) <i>1.273 - 1.271</i>
VAPOR PRESSURE (mm Hg.) <i>AT 100°C</i>	PERCENT VOLATILE BY VOLUME (%)
VAPOR DENSITY (AIR=1) <i>3.9</i>	EVAPORATION RATE (=1)
SOLUBILITY IN WATER <i>NEGLIGIBLE</i>	
APPEARANCE AND ODOR <i>WHITE CRYSTALLINE LIQUID HALOGENATED AROMATIC</i>	

SECTION IV FIRE AND EXPLOSION HAZARD DATA	
FLASH POINT (Method used) <i>200°C ABOVE 200°F</i>	FLAMMABLE LIMITS <i>ESSENTIALLY NON-FLAMMABLE</i>
EXTINGUISHING MEDIA <i>SELF EXTINGUISHING</i>	
SPECIAL FIRE FIGHTING PROCEDURES	
<i>NONE</i>	
UNUSUAL FIRE AND EXPLOSION HAZARDS <i>NONE</i>	

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SECTION V REACTIVITY DATA

THRESHOLD LIMIT VALUE *As listed on MSDS material safety data sheet for 540-001-100*

EFFECTS OF OVEREXPOSURE *Caution effect on liver and kidneys from heavy use over exposure to hot vapors also possible when used*

EMERGENCY AND FIRST AID PROCEDURES *Immediately discontinue use if hot vapors, if absorbed or skin contact, wash with soap and water. If inhaled, get fresh air and seek medical attention. If swallowed, do not induce vomiting. If on skin, wash with soap and water.*

SECTION VI REACTIVITY DATA

STABILITY	UNSTABLE	CONDITIONS TO AVOID	
	STABLE	YES	
INCOMPATIBILITY (Materials to avoid) <i>MASTICS VARNISHES RUBBER PAINT</i>			
HAZARDOUS DECOMPOSITION PRODUCTS <i>HCL GAS</i>			
HAZARDOUS POLYMERIZATION	MAY OCCUR		CONDITIONS TO AVOID
	WILL NOT OCCUR	✓	

SECTION VII SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED
DO NOT FLUSH IN TOILET OR WATER. CONFINE AND SEAL. SCRAP LIQUID TO MANUFACT FOR INCINERATION. DRY SOLID WASTE IN LANDFILL AWAY FROM WATER.

WASTE DISPOSAL METHOD

SECTION VIII SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION (Specify type) <i>WE: HOT VAPORS, USE PNEUMATIC TYPE CHAMBER RESPIRATOR</i>		
VENTILATION	LOCAL EXHAUST	SPECIAL
	MECHANICAL (General)	OTHER
PROTECTIVE GLOVES <i>MAINTAIN DRY GLOVES</i>		EYE PROTECTION <i>SAFETY GLASSES WITH SIDE SHIELD</i>
OTHER PROTECTIVE EQUIPMENT <i>"DUPPER" AIRGUN</i>		

SECTION IX SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING	<i>KEEP DRY</i>
OTHER PRECAUTIONS	<i>NONE</i>

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