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**SECTION I: PRODUCT INFORMATION**

NUMBER:	7950	<b>HMIS HEALTH CODES</b>
NAME:	ROSCOFLAMEX P50	HEALTH: 1 SLIGHT
CLASS:	FLAMERETARDANT	REACTIVITY: 0 MINIMAL
		FLAMMABILITY: 0 MINIMAL
		PROTECTIVE EQUIPMENT: B

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**SECTION II: HAZARDOUS INGREDIENTS**

INGREDIENT	PERCENT BY WEIGHT	C.A.S REGISTRY NO	PEL OSHA(ppm)	TLV ACGIH(ppm)	OTHER
WATER NON-HAZARDOUS INGREDIENT	60.0	7732-18-5			

THIS MATERIAL SAFETY DATA SHEET (MSDS) HAS BEEN PREPARED IN COMPLIANCE WITH THE FEDERAL OSHA HAZARD COMMUNICATION STANDARD 29 CFR 1910.1200.

**THIS PRODUCT IS CONSIDERED TO BE A NON-HAZARDOUS SUBSTANCE UNDER THAT STANDARD.**

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**SECTION III: PHYSICAL DATA**

BOILING POINT:	210-212°	FREEZING RANGE:	25-32°F;
VAPOR PRESSURE (mm Hg):	N/A	VAPOR DENSITY(AIR = 1):	NA
SPECIFIC GRAVITY:	1.14	H <sub>2</sub> O SOLUBLE:	APPRECIABLE 10.0 - 99.9
EVAPORATION RATE:	N/A	H <sub>2</sub> O REACTIVE:	NO
(butyl acetate = 1)		DENSITY:	9.521 LBS/GAL
% VOLATILE BY VOLUME:	68.58	VOC:	0.52 LBS/GAL
APPEARANCE AND ODOR:	CLEAR LIQUID - SLIGHT ODOR		

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**SECTION IV: FIRE AND EXPLOSION HAZARD DATA**

FLASHPOINT: N/A  
(Method Used): DOES NOT APPLY

EXPLOSIVE LIMITS  
LEL: N/A UEL: N/A

FLAMMABILITY CLASSIFICATION:  
OSHA: NOT REGULATED  
DOT: NOT REGULATED

EXTINGUISHING MEDIA:  
THIS PRODUCT WILL NOT BURN DUE TO ITS WATER CONTENT

SPECIAL FIRE FIGHTING PROCEDURES:  
THIS PRODUCT WILL NOT BURN DUE TO ITS WATER CONTENT

UNUSUAL FIRE AND EXPLOSION HAZARDS:  
THIS PRODUCT WILL NOT BURN, BUT MAY SPATTER IF THE TEMPERATURE EXCEEDS THE BOILING POINT. VAPOR MAY BE IRRITATING TO BOTH EYES AND SKIN

**SECTION V: TOXICOLOGICAL INFORMATION**

INGREDIENT MATERIAL DESCRIPTION	CARCINOGENICITY LISTING			LD50	(mg/kg)	LD50(ppm)
	OSHA	NTP	IARC	(rat)	(rbt)	(rat)
WATER NON-HAZARDOUS INGREDIENT	N	N	N	ORAL	DERMAL	INHAL

**SECTION VI: HEALTH HAZARD DATA**

**EFFECTS OF OVEREXPOSURE:**

THIS PRODUCT DOES NOT POSE A HEALTH HAZARD THROUGH SAFE USE.

**EMERGENCY AND FIRST AID PROCEDURES:**

INHALATION: MOVE TO FRESH AIR  
EYE CONTACT: FLUSH EYES WITH WATER (LIFT LIDS) FOR 15 MINUTES.  
SKIN CONTACT: WASH SKIN WITH SOAP AND WATER.  
INGESTION: INDUCE VOMITING

**SECTION VII: REACTIVITY DATA**

STABILITY: YES  
POLYMERIZATION: NO  
STABILITY CONDITIONS TO AVOID: NOT APPLICABLE  
INCOMPATIBILITY (MATERIALS TO AVOID): PEROXIDES AND/OR STRONG OXIDIZING AGENTS AND STRONG BASES  
HAZARDOUS DECOMPOSITION PRODUCTS: AMMONIA, BROMINE (UNDER EXTREME TEMPERATURES)  
HAZARDOUS POLYMERIZATION: WILL NOT OCCUR.  
POLYMERIZATION CONDITIONS TO AVOID: NONE

**SECTION VIII: SPILL OR LEAK PROCEDURES**

**STEPS FOR MATERIAL SPILLAGE:**

ABSORB WITH SAND AND DISPOSE OF IN APPROVED MANNER.  
DIKE AREA WITH SAND TO CONTAIN SPILLED LIQUID.  
RECOVER FREE PRODUCT.  
VENTILATE CONFINED SPACES. OPEN WINDOWS AND DOORS.  
PREVENT MATERIAL FROM ENTERING WATERWAYS.  
USE WATER SPRAY TO DILUTE SPILL.  
USE WATER SPARINGLY TO REDUCE DISPOSAL REQUIREMENTS

**WASTE DISPOSAL METHOD:**

LANDFILL IN ACCORDANCE WITH LOCAL, STATE AND FEDERAL REGULATIONS.  
DISPOSE OF IN ACCORDANCE WITH LOCAL REGULATIONS.  
KEEP PRODUCT OUT OF SEWERS AND WATERWAYS.

**SECTION VIII: SPECIAL PROTECTION INFORMATION**

**RESPIRATORY PROTECTION:**

MAINTAIN GOOD VENTILATION

**VENTILATION:**

PROVIDE ADEQUATE CROSS AIR CIRCULATION.  
TO AVOID BREATHING VAPORS OR SPRAY MIST, OPEN WINDOWS AND DOORS.  
ENSURE FRESH AIR DURING APPLICATION AND DRYING.

**PROTECTIVE GLOVES:**

WEAR IMPERVIOUS GLOVES (NEOPRENE) TO MINIMIZE SKIN CONTACT.

**EYE PROTECTION:**

SPLASHPROOF SAFETY GOGGLES TO PROTECT AGAINST SPLASH.

**OTHER PROTECTIVE CLOTHING OR EQUIPMENT:**

EYEWASH STATION (FOUNTAIN).  
A SOURCE OF CLEAN WATER AVAILABLE TO FLUSH EYES AND SKIN.

**HYGIENIC PRACTICES:**

WASH HANDS BEFORE EATING OR USING THE WASHROOM.

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**SECTION X: SPECIAL PRECAUTIONS/TRANSPORTATION INFORMATION**

REGULATORY DATA:

D.O.T. SHIPPING NAME: WATER FLAME RETARDANT  
D.O.T. HAZARD CLASS: NON-HAZARDOUS  
D.O.T. ID NUMBER (UN OR NA):  
IATA SHIPPING NAME: (PAINT RELATED MATERIAL)  
IATA HAZARD CLASS: (NON-HAZARDOUS)  
IATA IMO NO.:  
ORM-D QUALIFYING CHEMICAL:

HANDLING AND STORAGE PRECAUTIONS:

PROTECT FROM FREEZING

OTHER PRECAUTIONS:

DO NOT TAKE INTERNALLY.  
CHECK ALL CONTAINERS FOR LEAKS.  
KEEP CONTAINERS CLOSED WHEN NOT IN USE.  
MINIMIZE BREATHING VAPOR OR MIST.  
WASH HANDS THOROUGHLY AFTER HANDLING.  
**KEEP OUT OF REACH OF CHILDREN.**

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**SECTION XI: SARA TITLE III**

CHEMICAL	CAS #	WEIGHT%	FIRE	RELEASE	REACT	ACUTE	CHRON
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**SARA - SECTION 313 SUPPLIER NOTIFICATION**

THIS PRODUCT CONTAINS THE ABOVE TOXIC CHEMICALS SUBJECT TO THE REPORTING REQUIREMENTS OF SECTION 313 OF THE EMERGENCY PLANNING AND COMMUNITY RIGHT-TO-KNOW ACT OF 1986 AND OF 40 CFR 372. THESE PRODUCTS ARE IDENTIFIED BY THE FOLLOWING LEGEND PREFIXED TO THE CAS (CHEMICAL ABSTRACT NUMBER) IN SECTION II OF THIS MSDS. IF THERE ARE NONE THE SECTION WILL BE EMPTY.

THIS INFORMATION MUST BE INCLUDED IN ALL MSDS's THAT ARE COPIED AND DISTRIBUTED FOR THIS MATERIAL.

**DISCLAIMER**

EVERY EFFORT HAS BEEN MADE TO ENSURE THAT THE SAFETY INFORMATION ON THIS SHEET IS ACCURATE, BUT BECAUSE ROSCO LABORATORIES, INC. HAS NO CONTROL OVER THE CONDITIONS UNDER WHICH THE PRODUCT WILL BE USED, LIABILITY IS LIMITED EXCLUSIVELY TO REPLACEMENT OR REFUND OF THE PURCHASE PRICE OF THIS PRODUCT. EXCEPT AS STATED HEREIN, THERE ARE NO EXPRESS OR IMPLIED WARRANTIES INCLUDING IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. ROSCO LABORATORIES, INC. ASSUMES NO LIABILITY FOR INJURY OR INCIDENTAL OR CONSEQUENTIAL DAMAGES ARISING OUT OF STORAGE, HANDLING OR USE OF THIS PRODUCT.

**HAZARDOUS WARNING OR STATEMENT**

NO SPECIAL HAZARDS EXIST WITH THIS PRODUCT. AS WITH ANY CHEMICAL SUBSTANCE CAUTION AND CARE WILL PREVENT UNNECESSARY ACCIDENTS AND SAFETY PROBLEMS. READ INSTRUCTIONS ON LABEL BEFORE USE.

FOLLOW INSTRUCTIONS ON LABEL.

EXPLANATIONS OF SYMBOLS OR ABBREVIATIONS: NE=NOT ESTABLISHED  
NA=NOT AVAILABLE OR APPLICABLE