

Date of Prep: 6/1/01

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SECTION I: PRODUCT INFORMATION

NUMBER: 7950
NAME: ROSCOFLAMEX P50
CLASS: FLAMERETARDANT

HMIS HEALTH CODES
HEALTH: 1 SLIGHT
REACTIVITY: 0 MINIMAL
FLAMMABILITY: 0 MINIMAL
PROTECTIVE EQUIPMENT: B

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.

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 ₂ O SOLUBLE: APPRECIABLE 10.0 - 99.9 |
| EVAPORATION RATE: N/A | H ₂ 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

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.

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.

SECTION XI: SARA TITLE III

| CHEMICAL | CAS # | WEIGHT% | FIRE | RELEASE | REACT | ACUTE | CHRON |
|----------|-------|---------|------|---------|-------|-------|-------|
|----------|-------|---------|------|---------|-------|-------|-------|

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