

**MATERIAL SAFETY DATA SHEET**

**PRODUCT NAME:** FLAME RETARDANT    **HMIS CODES:**  
**PRODUCT CODE:** FLR-289

**H F R P**  
**1 0 0 X**

=====SECTION I MANUFACTURING IDENTIFICATION=====

**MANUFACTURER'S NAME:** Refinish Coatings  
**ADDRESS:** 28 Harrison Road Bldg 4A Englishtown, NJ 07726  
**EMERGENCY PHONE:** (800) 424-9300    **INFORMATION PHONE:** 732-786-0100  
**DATE REVISED:** 11-1-03    **NAME OF PREPARER** Jeff Ochs

=====SECTION II HAZARDOUS INGREDIENTS & SARA III INFORMATION=====

HAZARDOUS COMPONENTS	CAS NUMBER	OCCUPATIONAL OSHA TWA	EXPOSURE LIMITS ACGIH TWA	VAPOR PRESSURE Mm HG @ TEMP	WEIGHT PERCENT
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This product is believed to be non-hazardous under OSHA definitions

NON - HAZARDOUS COMPONENTS

\* INDICATES TOXIC CHEMICAL(S) SUBJECT TO THE REPORTING REQUIREMENTS OF SECTION 313 OF TITLE III OF 40 CRF 372.

=====SECTION III PHYSICAL/CHEMICAL CHARACTERISTICS =====

**BOILING POINT:** 212 f    **SPECIFIC GRAVITY (H2O=1):** 1,0  
**VAPOR DENISTY:** HEAVIER THAN AIR    **EVAPORATION RATE:** SLOWER THAN ETHER  
**SOLUBILITY IN WATER:** SOLUBLE  
**APPEARANCE AND ODOR:** CLEAR IN COLOR

=====SECTION IV FIRE AND EXPLOSION HAZARD DATE=====

**FLASH POINT:** Greater than 199 F    **METHOD USED:** Closed cup  
**FLAMMABLE LIMITS IN AIR BY VOLUME:** **LOWER:** 1.3 %    **UPPER:** 9.5 %  
**EXTINGUISHING MEDIA:** FOAM, CO2, DRY CHEMICAL  
**SPECIAL FIREFIGHTING PROCEDURES:** This product is not known to support combustion  
**UNUSUAL FIRE AND EXPLOSION HAZARDS:** None known to manufacturer

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=====SECTION V REACTIVITY DATA=====

<b>STABILITY:</b>	STABLE
<b>CONDITIONS TO AVOID:</b>	FREEZING TEMPERATURES
<b>INCOMPATIBILITY (MATERIALS TO AVOID):</b>	N/A
<b>HAZARADOUS DECOMPOSITION OR BYPRODUCTS:</b>	CARBON MONOXIDE, CARBON DIOXIDE, OXIDES OF NITROGEN
<b>HAZARDOUS POLYMERIZATION:</b>	WILL NOT OCCUR

=====SECTION VI HEALTH HAZARD DATA=====

**INHALATION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:**

N/A

**SKIN AND EYE CONTACT HEALTH RISKS AND SYMPTOMS OF EXPOSURE:**

N/A

**SKIN ABSORBTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:**

N/A

**INGESTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:**

N/A

**HEALTH HAZARDS (ACUTE AND CHRONIC):**

N/A

**CARCINOGENICITY:** NTP? NO      IARC MONOGRAPHS? NO      OSHA REGULATED? NO

**MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE:** N/A

**EMERGENCY FIRST-AID PROCEDURES:**

WASH AFFECTED AREAS WITH MILD SOAP AND WATER. IF IRRITATION PERSISTS IN ANY ABOVE CASES, SEEK MEDICAL HELP.

=====SECTION VII PRECAUTIONS FOR SAFE HANDLING AND USE =====

**STEPS TO BE TAKEB IN CASE MATERIAL IS RELEASED OR SPILLED:**

DIKE OR IMPOUND SPILLED MATERIAL AND CONTROL FURTHER SPILLAGE COLLECT IN OPEN CONTAINER

**WASTE DISPOSAL METHOD:**

KEEP SPILL OF DRAINS, SEWERS AND OPEN WATERWAYS. DISPOSE OF IN ACCORDANCE WITH LOCAL, COUNTY, STATE AND FEDERAL REGULATIONS.

**PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING:**

STORAGE TEMP. MAX. 122F. KEEP FROM FREEZING. KEEP CONTAINERS CLOSED WHEN NOT IN USE.

**OTHER PRECUATIONS:**

NO SPECIFIC TOXICITY DATA IS AVAIBLE FOR THE PRODUCT. THE EFFECTS OF OVER-EXPOSURE SHOWN IN SECTION VI ARE BASED ON INFORMAION ABOUT SIMILIAR PRODUCTS AND ON TOXICITY FILES FOR THE COMPOUNDS USED IN THE PRODUCT.

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=====SECTION VIII CONTROL MEASURES=====

**RESPIRATORY PROTECTION:**

NONE IS REQUIRED IF GOOD VENTILATION IS MAINTAINED, OTHERWISE WEAR SELF CONTAINED BREATHING APPARATUS (NIOSH APPROVED OR EQUIVALENT)

**VENTILATION:**

LOCAL EXHAUST

**PROTECTIVE GLOVES:**

CHEMICAL RESISTANT GLOVES

**EYE PROTECTION:**

SAFETY GOGGLES OR SAFETY SHIELD

**OTHER PROTECTIVE CLOTHING OR EQUIPMENT:**

EYEWASH FACILITY, SAFETY SHOWER

**WORK/HYGIENE PRACTICES:**

USE PROPER INDUSTRIAL HYGIENE PRACTICES

=====SECTION IX DISCLAIMER=====

**DISCLAIMER:**

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