

**MATERIAL SAFETY DATA SHEET**  
**MSDS Number: 00026 Effective Date: 11/12/13 Page: 1 of 3**  
**Product Name: TPR<sup>2</sup> FIRE RETARDANT ; F10 SERIES**

**Product Name:** Fireshell® NFPA 286 compliant Coatings  
**Product Code:** TPR<sup>2</sup> Fireshell® F10 series



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### SECTION I - COMPANY IDENTIFICATION

**Manufacturer:** TPR<sup>2</sup>  
**Address:** 36 Plains Rd      **City:** Essex  
**State:** Ct                      **Zip:** 06426  
 Emergency Telephone Number: CHEMTREC 1 800 424 9300  
**Information Telephone Number:** 1-203-756-TPR2 **Fax:** 1-203-756-8779  
**MSDS Prepared By:** Chemistry Dept, TPR<sup>2</sup>  
**Product Use:** Flame Retardant

### SECTION II – HAZARDOUS INGREDIENTS/ SARA III INFORMATION

Reportable Component	CAS NO.	%	EXPOSURE LIMITS

\*\*\* No reportable quantities of Hazardous ingredients are Present \*\*\*

\*\*\* This product contains no hazardous ingredients as defined under the criteria of the Federal OSHA Hazard Communication Standard 29 CFR 1910.1200 \*\*\*

### SECTION III – PHYSICAL/CHEMICAL CHARACTERISTICS

<b>BOILING RANGE:</b>	N/A	<b>WPG (H20=8.33):</b>	11.5 +/- .3 #/gal
<b>DENSITY:</b>	1.3	<b>APPEARANCE AND ODOR:</b>	N/A
<b>VAPOR DENSITY:</b>	Heavier than air	<b>EVAPORATION RATE:</b>	Slower than butyl acetate
<b>V.O.C.:</b>	<50g/l		

### SECTION IV – FIRE AND EXPLOSION HAZARD DATA

**FLASH POINT:** N/A                                      **METHOD USED:** N/A  
**FLAMMABLE LIMITS IN AIR BY VOLUME - LOWER:** N/A      **UPPER:** N/A  
**EXTINGUISHING MEDIA:** N/A.  
**FIRE FIGHTING INSTRUCTIONS:** Wear a self-contained breathing apparatus and protective clothing to prevent skin and eye contact in fire situations. If large amount of chemicals present, evacuate anyone not properly protected.  
**UNUSUAL FIRE AND EXPLOSION HAZARDS:** Closed containers may rupture when exposed to extreme heat.

### SECTION V – REACTIVITY DATA

**STABILITY:** Stable                                      **HAZARDOUS POLYMERIZATION:** Will not occur  
**CONDITIONS TO AVOID:** None                      **INCOMPATIBILITY:** Oxidizing materials can cause reaction.  
**HAZARDOUS DECOMPOSITION OR BYPRODUCTS:** Carbon monoxide and/or carbon dioxide may be released when exposed to very high temperatures.

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## SECTION VI- HEALTH HAZARD DATA

### INHALATION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Inhalation: May cause headaches.

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

Eye Contact: Direct contact irritates slightly with redness and swelling.

### SKIN OBSORPTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Skin Contact: Can cause irritation .

### INJECTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Ingestion: Can cause gastrointestinal irritation.

### HEALTH HAZARDS (Acute and Chronic):

Acute: Eyes: Slight irritation with redness. Skin: No adverse effect. Inhalation: Irritates respiratory passage. Ingestion: Large amounts may cause digestive discomfort. Chronic: None Known

### \*\*\* CARCINOGENICITY \*\*\*

#### Product/Similar Product:

NTP CARCINOGEN: No

IARC MONOGRAPHS: No

OSHA REGULATED: No

#### Component:

### MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE:

Dermatitis, respiratory tract irritation.

### EMERGENY AND FIRST AID PROCEDURES:

Inhalation overexposure: Move person to fresh air. If breathing is difficult, administer Oxygen. If breathing has stopped, give artificial respiration and get medical attention. Eye contact: Flush with large amounts of water for 15 minutes. Skin contact: Wash thoroughly with soap and water. Remove contaminated clothing.

## SECTION VII – PRECAUTIONS FOR SAFE HANDLING AND USE

### STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:

Dike spill area and cover with inert, absorbent material, and remove to disposal container. Mop with mild detergent or cleaning solution. Observe all federal, State and local laws.

### WASTE DISPOSAL METHOD:

Consult Local, State and Federal waste regulations before disposing into approved waste landfills. Obey relevant laws.

\*\*\* DO NOT INCINERATE CLOSED CONTAINERS \*\*\*

### PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE:

Handling: no special precautions. Storage: Keep from freezing. Use reasonable care.

### OTHER PRECAUTIONS:

\*\*\* BEFORE USING ANY PRODUCT, READ THE PRODUCTS LABEL \*\*\*

## SECTION VIII – CONTROL MEASURES

### WORK PRACTICES:

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N/A

**RESPIRATORY PROTECTION:**

When working with this material, Use approved mechanical filters to remove airborne particulate.

**VENTILATION:**

Local exhaust as required by job conditions to keep TLV below acceptable limits. Refer to OSHA regulations 29 CFR Part 1910.94.

**PROTECTIVE GLOVES:**

Gloves recommended for protection of skin.

**EYE PROTECTION:**

Use safety eyewear with splash guards or side shields.

**OTHER PROTECTIVE CLOTHING OR EQUIPMENT:**

Wear protective clothing

**WORK/HYGENIC PRACTICES:**

Eye wash and safety showers in the workplace are recommended. Personnel should wash thoroughly after handling product. Always wash-up before eating, smoking or using the toilet facilities.

**RECOMMENDED EXPOSURE LIMITS:**

N/A

**SECTION IX - DISCLAIMER**

To the best of our knowledge, The information contained herein is accurate, obtained from sources believed by TPR<sup>2</sup> Corporation to be accurate at the time of preparation. TPR<sup>2</sup> Corporation does not assume any legal responsibility for use or reliance upon same.

\*\*\* BEFORE USING ANY PRODUCT READ IT'S LABEL \*\*\*