

**MATERIAL SAFETY DATA SHEET**  
**MSDS Number: 00030 Effective Date: 10/15/11 Page: 1 of 3**  
**Product Name: TPR<sup>2</sup> FIRE RETARDANT ; IB SERIES**

**Product Name:** Fireshell® IB Series Coatings  
**Product Code:** TPR<sup>2</sup> Fireshell® IB 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:** 1-860-767-TPR2 **Fax:** 1-860-767-8779  
**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

**BOILING RANGE:** N/A **WPG (H20=8.33):** 10.5-10.8 lbs/gal  
**DENSITY:** 1.3 **APPEARANCE AND ODOR:** N/A  
**VAPOR DENSITY:** Heavier than air **EVAPORATION RATE:** Slower than butyl acetate  
**V.O.C.:** below 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 ABSORPTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:**

Skin Contact: Can cause irritation .

**INGESTION 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.

**EMERGENCY 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 \*\*\***

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**SECTION VIII – CONTROL MEASURES**

**WORK PRACTICES:**

N/A

**RESPIRATORY PROTECTION:**

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

**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:**

Rubber/latex 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 \*\*\*