

MATERIAL SAFETY DATA SHEET
MSDS Number: 00034 Effective Date: 10/15/11 Page: 1 of 3
Product Name: TPR² FIRE RETARDANT ; BMS series

Product Name: Fireshell® NFPA 286 compliant Coatings
Product Code: TPR² Fireshell® BMS TC

SECTION I - COMPANY IDENTIFICATION

Manufacturer: TPR²
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, TPR²
Product Use: Flame Retardant



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SECTION II – HAZARDOUS INGREDIENTS/ SARA III INFORMATION

Reportable Component	CAS NO.	%	EXPOSURE LIMITS

*** No reportable levels 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):** 11.3 - 11.6 #/gal
VAPOR DENSITY: Heavier than air **APPEARANCE AND ODOR:** N/A
V.O.C.: <50g/l **EVAPORATION RATE:** Slower than butyl acetate

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 irritation of throat and lungs

SKIN AND EYE CONTACT HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Eye Contact: Direct contact irritates slightly with redness and swelling. Flush with water. Consult a physician if necessary

SKIN ABSORPTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Skin Contact: Can cause slight irritation on sensitive skin. Wash with soapy water.

INJECTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Ingestion: Can cause gastrointestinal irritation. Drink large amounts of water immediately.

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

There are no ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment and hence require reporting in this section.

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE:

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. Keep runoff from sewers. 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 particulate. NIOSH, charcoal mask recommended.

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 TPR² Corporation to be accurate at the time of preparation. TPR² Corporation does not assume any legal responsibility for use or reliance upon same.

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