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# MATERIAL SAFETY DATA SHEET

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PRODUCT: **FIRESHELL® (F1E)**

DATE: 01/07/2013

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**MSDS Number:** 00005 **Effective Date:** 01/07/2013 **Page:** 1 of 2

Weatherproof intumescent coating

## SECTION 1 - COMPANY IDENTIFICATION

**EXFIRE Pty Ltd** - Australasian distributor of TPR2 products

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Manufacturer: TPR2

Address: 36 Plains Rd City: Essex

State: Ct Zip: 06426 USA.

**Product Use:** Flame Retardant

## SECTION 2 – HAZARDOUS INGREDIENTS

### % EXPOSURE LIMITS

No reportable quantities of hazardous ingredients are present

## SECTION 3 – PHYSICAL/CHEMICAL CHARACTERISTICS

**BOILING RANGE:** N/A **WPG (H20=8.33):** 111b

**DENSITY:** 1.2

**VAPOUR DENSITY:** Heavier than air

**EVAPORATION RATE:** N/A

**APPEARANCE AND ODOUR:** N/A

**SOLUBILITY IN WATER:** very

**V.O.C.:** below 50 g/l

## SECTION 4 – 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.

**HAZARDS:** Closed containers may rupture when exposed to extreme heat.

## SECTION 5 – REACTIVITY DATA

**STABILITY:** Stable

**HAZARDOUS POLYMERIZATION:** Will not occur

**CONDITIONS TO AVOID:** None

**INCOMPATIBILITY:** Oxidizing materials can cause reaction. 042507RE.

## SECTION 6- HEALTH HAZARD DATA

### HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Can irritate air passages and eyes slightly.

### EYE CONTACT:

Direct contact irritates slightly with redness and swelling.

**SKIN ABSORPTION:**

Skin Contact: Can dry skin causing cracks, irritation and dermatitis

**INJECTION:**

Can cause gastrointestinal irritation.

**MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE:**

Dermatitis, respiratory tract irritation.

**EMERGENCY AND FIRST AID PROCEDURES:**

Inhalation over-exposure: 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.

Ingestion: Do NOT induce vomiting.

**SECTION 7 – PRECAUTIONS FOR SAFE HANDLING AND STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:**

Mop with mild detergent or cleaning solution. Observe all State and local laws.

**WASTE DISPOSAL METHOD:**

Consult Local State 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: No special precautions. Use reasonable care.

**OTHER PRECAUTIONS:**

BEFORE USING ANY PRODUCT, READ THE PRODUCTS LABEL

**SECTION 8 – CONTROL MEASURES****VENTILATION:**

When working with this material, use in well ventilated area.

**PROTECTIVE GLOVES:**

Gloves may be worn for protection if skin is sensitive.

**EYE PROTECTION:**

Use chemical safety glasses, goggles or face shields for eye protection.

**OTHER PROTECTIVE CLOTHING OR EQUIPMENT:**

N/A

**RECOMMENDED EXPOSURE LIMITS:**

N/A

**SECTION 9 – DISCLAIMER**

To the best of our knowledge, the information contained herein is accurate, obtained from sources believed by EXFIRE Pty Ltd to be accurate at the time of preparation. EXFIRE Pty Ltd does not assume any legal responsibility for use or reliance upon same.

Before using any product, read its label.