



MATERIAL SAFETY DATA SHEET

Issue date: 6th October, 2010

1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Product Name: TREMboard

Company: Tremco Pty Limited ABN 25 000 024 064
Address: Unit 1, 2 Park Road, Rydalmere, New South Wales, 2116
Contact Nos.: Telephone: (02) 9638 2755 Fax: (02) 9638 2955
Emergency Telephone: 1800 224 512 7am to 5pm Monday to Friday inclusive
Product Code: 220212 1.2m x 1.8m Sheet
220213 1.2m x 50m Roll
Recommended Use: Cuspated 6mm Protection Sheet
Other Names: CP Sheet & Rolls

2. HAZARDS IDENTIFICATION

CLASSIFIED AS NON-HAZARDOUS ACCORDING TO THE CRITERIA OF WORKSAFE AUSTRALIA

Safety Phrases: S2 Keep out of the reach of children
S15 Keep away from heat

Risk Phrases: Not classified

Emergency Overview

Black Board. No serious effects anticipated under normal conditions of use. Generally not required under normal conditions of use.

Nil hazards under normal atmospheric conditions.

IMMEDIATE HEALTH EFFECTS

Eyes: Product may have sharp edges when cut. Store in a safe place. If this material is heated, thermal burns may result from eye contact.

Skin: Contact with the skin is not expected to cause prolonged or significant irritation. Not expected to be harmful to internal organs if absorbed through the skin. If this material is heated, thermal burns may result from skin contact.

Ingestion: Not expected to be harmful if swallowed.

Inhalation: If this material is heated, fumes may be unpleasant and produce nausea and irritation of the upper respiratory tract. Inhalation: Dust may produce mechanical irritation to the mucous membranes of the nose, throat and upper respiratory tract. Long-term exposure to high dust concentrations may cause non-debilitating lung changes.

3. COMPOSITION / INFORMATION ON INGREDIENTS

High density Polyethylene. Thermoformed HDPE to product specifications.

4. FIRST AID MEASURES

Get immediate medical attention for any significant overexposure.

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| Inhalation : | Not applicable in the finished product. |
| Eye contact: | Not applicable in the finished product. |
| Skin: | Not applicable in the finished product. |
| Ingestion: | No specific first aid measures are required because this material is not expected to be harmful if swallowed. |

5. FIRE FIGHTING MEASURES

FIRE CLASSIFICATION:

Classification (29 CFR 1910.1200): Not flammable or combustible.

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|-------------------------|--------------------|
| Flash point : | 340°C ASTM (D1929) |
| Method : | Not available |
| Burning rate : | Not available |
| Lower explosion limit : | Not available |
| Upper explosion limit : | Not available |
| Autoignition: | 380°C |

Extinguishing media : Water fog, carbon dioxide, dry chemical or foam.

Hazardous combustion Products : Normal combustion forms Carbon Dioxide, water vapour and may produce carbon monoxide, original monomer, other hydrocarbons and hydrocarbon oxidation products, depending on temperature and air availability.

Firefighters : This material will burn although it is not easily ignited. For fires involving this material, do not enter any enclosed or confined fire space without proper protective equipment, including self-contained breathing apparatus (NIOSH SCBA). If possible, water should be applied as a spray from a fogging nozzle since this is a surface burning material. The application of high velocity water will spread the burning surface layer.

6. ACCIDENTAL RELEASE MEASURES

No action necessary under normal conditions of use.

7. HANDLING & STORAGE

Store away from heat or flames. Molten polymer may cause severe thermal burns. The interior of molten masses may remain hot for some time because of low thermal conductivity of the polymer. Use care when disposing of or handling such masses. Avoid contaminating soil or releasing this by product material into sewage and drainage systems and bodies of water. Bond and ground all containers and equipment before transfer operations to prevent electrostatic accumulation hazard. Handle in conjunction with common hygienic practices. Clean hands thoroughly after handling. Store under dry warehouse conditions away from heat and all ignition sources.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Consider the potential hazards of this material. If engineering controls or work practices are not adequate to prevent exposure to harmful levels of this material, the personal protective equipment listed below is recommended. The user should read and understand all instructions and limitations supplied with the equipment since protection is usually provided for a limited time or under certain circumstances.

Personal protection equipment

Respiratory protection : No special respiratory protection is normally required. When cutting or abrading these materials use a respirator approved by IOSH for protection against dust, mists and fumes having an exposure limit measured as a time weighted average (TWA) of not less than 0.05mg/m³.

Eye & face protection : Wear safety glasses with side shields when working with this material as a good safety practice.

NB: Personal protection information is based upon general information as to normal uses and conditions. Where special or unusual uses or conditions exist, it is suggested that the expert assistance of an industrial hygienist or other qualified professional be sought.

9. PHYSICAL AND CHEMICAL PROPERTIES

| | |
|-------------------|---------------|
| Form : | Sheet & Rolls |
| Colour : | Black |
| pH : | Not available |
| Vapour pressure : | Not available |
| Vapour density : | Not available |

| | |
|-----------------------|--------------------------------|
| Melting point/range : | 100 – 135°C |
| Boiling point/range : | Not available |
| Water solubility : | Insoluble |
| Specific gravity : | 0.91 – 1.02 |
| Density : | 0.910 – 0.970g/cm ³ |
| Evaporation rate : | Not available |
| % Volatile weight : | 0.01% |

10. STABILITY AND REACTIVITY

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| Hazardous decomposition products : | Low molecular weight hydrocarbons, alcohols, aldehydes, acids, carbon oxides and ketones can be formed during the thermal processing. |
| Conditions to avoid: | Avoid heating above the recommended processing temperature. Do not heat above the auto ignition temperature. Do not heat without adequate ventilation. |
| Substances to avoid : | May react with strong oxidising agents, such as chlorates, nitrates, peroxides etc., May react with free halogens. |
| Stability : | Material is stable under normal storage, handling and use |
| Hazardous polymerization : | Will not occur under normal conditions. |

11. TOXICOLOGICAL INFORMATION

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| Eye Effects : | The eye irritation hazard is based on data for a similar material. |
| Skin Effects : | Not anticipated under normal conditions of use. |
| Inhalation Effects : | Not anticipated under normal conditions of use. |

This product contains polymerized ethylene. During thermal processing, this polymer can degrade. The three variables that control its degradation are the temperature, the length of time at that temperature and the amount of oxygen available. Depending on the local processing conditions, a variety of low molecular weight hydrocarbons, alcohols, aldehydes, acids and ketones can be formed. These materials are respiratory irritants. Prolonged and repeated breathing of fume components has been shown to cause other adverse health effects.

Exposure to processing emissions should be minimized by following all recommendations in this Material Safety Data Sheet.

12. ECOLOGICAL INFORMATION

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| Environmental Fate : | This material is not expected to be readily biodegradable. |
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13. DISPOSAL CONSIDERATIONS

Recover for use, recycle, incinerate for energy or place in waste management facility.

14. TRANSPORT INFORMATION

NOT REGULATED.

15. REGULATORY INFORMATION

Risk and Safety Phrases listed in Section 2.

Classified as non hazardous according to the criteria of Worksafe Australia.

16. OTHER INFORMATION

Hazardous Materials Information Rating :

| | |
|--------------|---|
| Health | 1 |
| Flammability | 1 |
| Reactivity | 0 |
| PPE | |

0 = Minimum

1 = Slight

2 = Moderate

3 = Serious

4 = Severe

For Industrial Use only. Keep out of reach of children. The hazard information herein is offered solely for the consideration of the user, subject to their own investigation of compliance with applicable regulations, including the safe use and storage of the product under every foreseeable condition.

Website: www.tremco.com.au

The information sourced for the preparation of this document was correct and complete at the time of writing or to the best of the writer's knowledge. The document represents the commitment to the company's responsibilities surrounding the supply of this product undertaken in good faith. This document should be taken as a safety guide for the product and its recommended uses but is in no way an absolute authority.

Legend

PPE – Personal Protection Equipment
TLV - Threshold Limit Value
TWA - Time Weighted Average
PEL – Permissible Exposure Limit
STEL – Short term Exposure Limit