



## MATERIAL SAFETY DATA SHEET

Issue date: 8<sup>th</sup> October, 2009

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### 1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

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**Product Name:** TREMproof® 260

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: 215115  
Recommended  
Use: Waterproofing Membrane  
Manufacturer's Product  
Code: 582100 855

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### 2. HAZARDS IDENTIFICATION

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NOT CLASSIFIED AS HAZARDOUS ACCORDING TO THE CRITERIA OF WORKSAFE AUSTRALIA

Hazchem Code: None allocated  
Risk Phrases: 42/43 May cause sensitisation by inhalation and skin contact  
R66 Repeated exposure may cause skin dryness or cracking  
Safety Phrases: S2 Keep out of the reach of children  
S25 Avoid contact with eyes

#### Emergency Overview

Brown. Liquid (paste). May cause slight irritation to the respiratory system. Leave area to breathe fresh air. Avoid further overexposure. If symptoms persist, get medical attention.

#### Acute Potential Health Effects/ Routes of Entry

Inhalation : May cause slight irritation to the respiratory system.  
Eyes : Direct contact may cause mild irritation.  
Ingestion : May cause gastrointestinal irritation, nausea, and vomiting.  
Skin : May cause mild irritation. May cause sensitization resulting in irritation, itching and redness. May cause a rash.

#### Aggravated Medical Conditions

Pre-existing eye, skin and respiratory disorders may be aggravated by exposure.

#### Chronic Health Effects

Prolonged or repeated skin contact with asphalt may result in skin sensitivity, such as irritation, rashes, and dermatitis. Prolonged or repeated exposure to polycyclic aromatic hydrocarbons and other volatiles which are contained in trace amounts in asphalt have been shown to cause cancer or respiratory damage in animals. Fillers are encapsulated and not expected to be released from product under normal conditions of use. Prolonged or repeated exposure to mineral spirits (petroleum naphtha or stoddard solvent) may cause defatting, drying, and irritation of the skin,

dermatitis, central nervous system (CNS) effects, and adverse liver, kidney, and lung effects.

**Target Organs:** Skin, Eye, Lung

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### 3. COMPOSITION / INFORMATION ON INGREDIENTS

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Chemical Name:	CAS Number:	Proportion:
Asphalt	8052-42-4	40.0 - 70.0%
Water	7732-18-5	30.0 - 60.0%
Styrene-butadiene copolymers	NJTSRN#51721300-5132P	10.0 - 30.0%
Stoddard solvent (Mineral Spirits)	8052-41-3	3.0 - 7.0%
Wood rosin	8050-09-7	- <1.0

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### 4. FIRST AID MEASURES

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Get immediate medical attention for any significant overexposure.

- Inhalation : Leave area to breathe fresh air. Avoid further overexposure. If symptoms persist, get medical attention.
- Eye contact : Flush with water for at least 15 minutes while holding eye lids apart. Get medical attention immediately.
- Skin contact : Clean area of contact thoroughly using soap and water. If irritation, rash or other disorders develop, get medical attention immediately.
- Ingestion : Do not induce vomiting unless advised by a physician. Call nearest Poison Control Centre Ph. 13 11 26 in all states immediately

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### 5. FIRE FIGHTING MEASURES

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- Flash point : Not available.
- Method : Not available.
- Burning rate : Non-flammable solid
- Lower explosion limit : Not available.
- Upper explosion limit : Not available.
- Autoignition temperature : Not available.
- Extinguishing media : If water fog is ineffective, use carbon dioxide, dry chemical or foam.
- Hazardous combustion Products : Carbon monoxide and carbon dioxide can form. Oxides of sulphur can form.

Protective equipment for  
Firefighters : Not applicable. Product is not expected to burn.  
Fire and explosion  
conditions : Not applicable, not expected to burn.

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## 6. ACCIDENTAL RELEASE MEASURES

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Use appropriate protective equipment. Avoid contact with material. Stop flow. Contain spill. Keep out of water courses. Absorb spill in sand, earth or other suitable material. Transfer to appropriate container for disposal. Observe all local and national regulations

Use appropriate protective equipment. Avoid contact with material. Remove sources of ignition immediately.

Stop flow of material if safe to do so. Contain spill and keep out of water courses. Ventilate area.

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## 7. HANDLING & STORAGE

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Prevent inhalation of vapour, ingestion, and contact with skin eyes and clothing. Keep container closed when not in use. Precautions also apply to emptied containers. Store in sealed containers in a dry, ventilated warehouse location above freezing.

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## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

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### Personal protection equipment

Respiratory protection : Not required under normal conditions of use.

Hand protection : Use suitable impervious rubber or vinyl gloves and protective apparel to reduce exposure.

Eye protection : Wear chemical safety goggles and/or face shield to prevent eye contact. Do not wear contact lenses. Do not touch eyes with contaminated body parts or materials. Have eye washing facilities readily available.

Protective measures : Use professional judgment in the selection, care, and use. Other equipment not normally required.

Engineering measures : General ventilation is sufficient. Use local exhaust when the general ventilation is inadequate.

### Exposure Limits

Chemical Name	CAS Number	Regulation	Limit	Form
Asphalt	8052-42-4	ACGIH TWA:	0.5 mg/m <sup>3</sup>	Inhalable fraction as Benzene solubles
Stoddard solvent (Mineral Spirits)	8052-41-3	ACGIH TWA: OSHA PEL:	100 ppm 2,900 mg/m <sup>3</sup>	

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## 9. PHYSICAL AND CHEMICAL PROPERTIES

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Form :	Liquid (paste)
Colour :	Brownish Black
Odour :	Asphalt
pH :	9 – 10.5
Vapour pressure :	23.76 hPa
Vapour density :	Heavier than air
Melting point/range :	Not available
Freezing point :	Not available
Boiling point/range :	Not available
Water solubility :	Dispersible
Specific Gravity :	1
% Volatile Weight :	35 %

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## 10. STABILITY AND REACTIVITY

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Substances to avoid : Oxidizing agents.

Stability : Material is stable under normal storage, handling and use.

Hazardous polymerization : Will not occur under normal conditions.

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## 11. TOXICOLOGICAL INFORMATION

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No data available.

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## 12. ECOLOGICAL INFORMATION

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No data available

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## 13. DISPOSAL CONSIDERATIONS

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Disposal Methods: Waste not regulated. Ensure waste disposal conforms to local waste disposal regulations for hazardous waste treatment.

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#### 14. TRANSPORT INFORMATION

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This product is not classified as a Dangerous Good under the provisions of the "Australian Code for the Transport of Dangerous Goods by Road and Rail."

UN Number : None allocated  
DG Class : None allocated  
Packing Group : None allocated

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#### 15. REGULATORY INFORMATION

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Safety Phrases listed in Section 2.

Not classified as Hazardous according to criteria of Worksafe Australia.

OSHA Hazardous Components :  
Ashpalt 8052-42-4  
Stoddard solvent (Mineral Spirits) 8052-41-3  
Wood rosin 8050-09-77

OSHA Status:  
Considered hazardous based on the following criteria: Irritant

OSHA Flammability : Not Regulated

Regulatory VOC (less water and exempt solvent): 72 g/l  
VOC Method 310: 24%

If used according to manufacturer's conditions this product is safe to use.

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#### 16. OTHER INFORMATION

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Hazardous Materials Information System:

Health	2
Flammability	1
Reactivity	0
PPE	

0 = Minimum  
2 = Moderate  
4 = Severe

1 = Slight  
3 = Serious

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](http://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**

ACGIH	American Conference of Government Hygienists
OHSA	Occupational Safety & Health Administration
PEL	Permissible Exposure Limit
TWA	Time Weighted Average
VOC	Volatile Organic Compound