

# TREMCO

# TREMproof® 260

## Spray-Applied Waterproofing Membrane

### Product Description:

TREMproof® 260 Spray-Applied Waterproofing Membrane is a polymer-enhanced, single-component, fluid-applied asphalt emulsion waterproofing membrane. It is designed for spray application to concrete, masonry and other structural substrates, primarily in vertical installations.

TREMproof 260 is water-based, so it can be applied to damp or green concrete. Also, it complies with the Volatile Organic Compound (VOC) limits established by the South Coast Air Quality Management District (California).

Additionally, TREMproof 260 can be applied either with or without cospray, allowing for job-specific flexibility in application methods.

### Basic Uses:

Typical applications for TREMproof 260 include foundation walls, retaining walls and most backfilled applications.

### Limitations:

- Do not apply to contaminated surfaces.
- Not to be used as an exposed or wearing surface.
- Keep from freezing prior to being applied to the substrate. It is best to store TREMproof 260 off the floor at an ambient temperature above 50°F (10°C). Opened drums should be tightly sealed before storage.
- When applying material below 40°F (4.5°C), contact your local sales representative or Technical Services.

### Color:

Black

### Packaging:

52 Gallon (196.6 L) Drum

### Installation:

Surfaces to be coated must be clean, smooth, firm, free of dust, mud, loose mortar, wires, fins, metal projections or any other substances that might prevent placement and bonding of a continuous film. Take particular care to ensure that the footing and cove are clean. Following good drainage practice, structural slabs should be sloped to drain a minimum 1/8" (3.2mm) per running foot (30.5cm).

On poured concrete walls, remove wall ties on outside and inside of wall. On poured concrete walls, tie holes and other voids, honeycomb, rock pockets, etc. shall be patched with a non-shrinking grout. Refer to detail drawings for repair and/or waterproofing of any cracks or non-moving control joints and/or other common waterproofing situations. TREMproof® 201/60 or TREMproof® 250 GC are recommended wherever trowel grade flashing materials are needed or where shown in detail drawings. Allow flashing materials to fully cure. Alternately, Dymonic FC sealant may be used and the TREMproof 260 applied over it immediately for a truly quick installation.

The preferred application method is cospraying to a wet mil thickness of 90 mils (60 dry mils), yielding 17 ft<sup>2</sup>/gal. TREMDrain DPI (drainage, protection and insulation), TREMDrain QSP (Quick-set Panels) or Tremco Protection Mat, are all breathable drainage and/or protection courses that may be embedded in the membrane within five minutes of spraying. An application of these materials afterwards would

require a tack-coat of TREMproof 260 to be applied over the cured membrane or the use of a mechanical fastening device such as insulation pins or adhesive that will not compromise the membrane.

A non-cosprayed installation is a two-lift application of 45 wet mils each (30 dry) yielding approximately a total of 17 sq ft/gal for the entire application. Again TREMDrain DPI, TREMDrain QSP or Tremco Protection Mat may be applied. These should be embedded into the set, but not cured membrane.

Non-insulated, non-breathable TREMDrain drainage and protection boards should be installed after the membrane has cured. The use of a protection course over the TREMproof 260 membrane is recommended.

### Availability:

Immediately available from your Tremco Sales Representative or Distributor.

### Warranty:

Tremco warrants its Membranes to be free of defects in materials, but makes no warranty as to appearance or color. Since methods of application and on-site conditions are beyond our control and can affect performance, Tremco makes no other warranty, expressed or implied, including warranties of MERCHANTABILITY and FITNESS FOR A PARTICULAR PURPOSE, with respect to Tremco Membranes. Tremco's sole obligation shall be, at its option, to replace or refund the purchase of the quantity of the Tremco Membrane proved to be defective and Tremco shall not be liable for any consequential or incidental loss or damage.

# TREMproof<sup>®</sup> 260

## TYPICAL PHYSICAL PROPERTIES

Property	Description
Type	Polymer-enhanced, single-component, asphalt emulsion, waterproofing membrane
Color	Black
Solids	60%*
Density	8.3 lbs/gal
Application	Airless spray, either with or without cospray
Application Temperature	Minimum 20°F (-7°C)
Cure Time	16-24 hours (at 75°F (23°C) at 50% relative humidity) Less than 30 minutes if cosprayed
Thickness	Minimum 60 mils (dry) – Can be cosprayed to any thickness

Property	Test Method	Typical Values
Adhesion to Concrete	ASTM C-836	Exceeds
Elongation	ASTM D-412	800%
Crack Bridging Ability	ASTM C-836	Passes – 0°F
Water Vapor Permeance	ASTM E-96	.07
Hardness	ASTM C-836; Shore 00	Passes

\*To obtain 60 dry mils, apply 90 wet mils of product

For MSDS and Spec Data Sheets,  
visit our website:  
[www.tremcosealants.com](http://www.tremcosealants.com)

**TREMCO**

Commercial Sealants & Waterproofing

3735 Green Road • Beachwood, Ohio • 44122 • Phone: (216) 292-5000 • (800) 321-7906  
220 Wicksteed Avenue • Toronto, ON M4H 1G7 • Phone: (416) 421-3300 • (800) 363-3213



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**SECTION 1 - PRODUCT IDENTIFICATION**

Trade name : TREMPROOF 260  
 Product code : 582100 855

COMPANY : Tremco Incorporated  
 3735 Green Road  
 Cleveland, OH 44122

Telephone : (216) 292-5000 8:30 - 5:00 EST  
 Emergency Phone: : (216) 765-6727 8:30 - 5:00 EST  
 After Hours: Chemtrec 1-800-424-9300

**SECTION 2 - HAZARDS IDENTIFICATION****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

**SECTION 3 - PRODUCT COMPOSITION**

<b>Chemical Name</b>	<b>CAS-No.</b>	<b>Weight %</b>
Asphalt	8052-42-4	40.0 - 70.0
Water	7732-18-5	30.0 - 60.0
Styrene-butadiene copolymers	NJ TSRN# 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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**SECTION 4 - FIRST AID MEASURES**

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 Center or Physician immediately.

**SECTION 5 - FIRE FIGHTING MEASURES**

- 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 sulfur can form.
- Protective equipment for firefighters : Not applicable. Product is not expected to burn.
- Fire and explosion conditions : Not applicable, not expected to burn.

**SECTION 6 - ACCIDENTAL RELEASE MEASURES**

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.

**SECTION 7 - HANDLING AND STORAGE**

Prevent inhalation of vapor, 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.

**SECTION 8 - EXPOSURE CONTROLS / PERSONAL PROTECTION****Personal protection equipment**

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- 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**

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

**SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES**

- Form : Liquid (paste)
- Color : Brown
- Odor : Asphalt
- pH : 9 - 10.5
- Vapour pressure : 23.76 hPa
- Vapor 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 %

**SECTION 10 - REACTIVITY / STABILITY**

- 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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**SECTION 11 - TOXICOLOGICAL INFORMATION**

No Data Available

**SECTION 12 - ECOLOGICAL INFORMATION**

No Data Available

**SECTION 13 - DISPOSAL CONSIDERATIONS**

Disposal Method : Waste not regulated under RCRA. Incinerate at EPA approved facility or dispose of waste in compliance with state and local regulations.

**SECTION 14 - TRANSPORTATION / SHIPPING DATA****TDG / DOT Shipping Description:**

NOT REGULATED

**SECTION 15 - REGULATORY INFORMATION****North American Inventories:**All components are listed or exempt from the TSCA inventory.  
This product or its components are listed on, or exempt from the Canadian Domestic Substances List.**U.S. Federal Regulations:**

SARA 313 Components : None present or none present in regulated quantities.

SARA 311/312 Hazards : Acute Health Hazard

## OSHA Hazardous Components :

Asphalt	8052-42-4
Stoddard solvent (Mineral Spirits)	8052-41-3
Wood rosin	8050-09-7

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

OSHA Flammability : Not Regulated

Regulatory VOC (less water and  
exempt solvent) : 72 g/l

VOC Method 310 : 4 %

**U.S. State Regulations:**

MASS RTK Components	:	Asphalt	8052-42-4
		Stoddard solvent (Mineral Spirits)	8052-41-3



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Penn RTK Components	:	Asphalt	8052-42-4
		Water	7732-18-5
		Styrene-butadiene copolymers	NJ TSRN# 51721300-5132P
		Stoddard solvent (Mineral Spirits)	8052-41-3
NJ RTK Components	:	Asphalt	8052-42-4
		Water	7732-18-5
		Styrene-butadiene copolymers	NJ TSRN# 51721300-5132P
		Stoddard solvent (Mineral Spirits)	8052-41-3

Chemicals known to the State of California to cause cancer birth defects and/or other reproductive harm:

8052-42-4	Asphalt
140-88-5	Ethyl Acrylate

**SECTION 16 - OTHER INFORMATION**

**HMIS Rating :**

Health	2
Flammability	0
Reactivity	0
PPE	

- 0 = Minimum
- 1 = Slight
- 2 = Moderate
- 3 = Serious
- 4 = Severe

**Further information:**

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 of the product under every foreseeable condition.

**Prepared by: Rich Mikol**

**Legend**

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| ACGIH - American Conference of Governmental Hygienists                         | PEL - Permissible Exposure Limit                         |
| CERCLA - Comprehensive Environmental Response, Compensation, and Liability Act | RCRA - Resource Conservation and Recovery Act            |
| DOT - Department of Transportation   | RTK - Right To Know                                      |
| DSL - Domestic Substance List  | SARA - Superfund Amendments and Reauthorization Act      |
| EPA - Environmental Protection Agency  | STEL - Short Term Exposure Limit                         |
| HMIS - Hazardous Materials Information System                                  | TLV - Threshold Limit Value                              |
| IARC - International Agency for Research on Cancer                             | TSCA - Toxic Substances Control Act                      |
| MSHA - Mine Safety Health Administration                                       | TWA - Time Weighted Average                              |
| NDSL - Non-Domestic Substance List   | V - Volume   |
| NIOSH - National Institute for Occupational Safety and Health                  | VOC - Volatile Organic Compound                          |
| NTP - National Toxicology Program  | WHMIS - Workplace Hazardous Materials Information System |
| OSHA - Occupational Safety and Health Administration                           |  |