



# MATERIAL SAFETY DATA SHEET

## AP150 TRI-BUILT FLASHING CEMENT

<b>1. Product And Company Identification</b>	
<u>Supplier</u> <b>TRI-BUILT Roofing Products</b> <b>15 East Union Avenue</b> <b>PO Box 511</b> <b>East Rutherford, NJ 07073</b> <b>Telephone Number: 800-516-1485</b>	<u>Manufacturer</u> <b>TRI-BUILT Roofing Products</b> <b>15 East Union Avenue</b> <b>PO Box 511</b> <b>East Rutherford, NJ 07073</b> <b>Telephone Number: 800-516-1485</b>
<u>Supplier Emergency Contacts &amp; Phone Number</u> <b>CHEMTREC: 800-424-9300</b>	<u>Manufacturer Emergency Contacts &amp; Phone Number</u> <b>CHEMTREC: 800-424-9300</b>
<b>Issue Date:</b> 03/04/2008 <b>Product Name:</b> AP150 TRI-BUILT FLASHING CEMENT	

<b>2. Composition/Information On Ingredients</b>			
	Ingredient Name	CAS Number	Percent Of Total Weight
	1,2,4-trimethylbenzene	95-63-6	0.5 - 1.5
	1,3,5-trimethylbenzene	108-67-8	0.5 - 1.5
	petroleum asphalt	8052-42-4	30 - 60
	attapulgite	12174-11-7	5 - 10
	calcium carbonate	1317-65-3	15 - 40
	cellulose fiber	9004-34-6	5 - 10
	silica, quartz	14808-60-7	0.5 - 1.5
	stoddard solvent	8052-41-3	10 - 30
	xylene	1330-20-7	0.1 - 1

**EMERGENCY OVERVIEW**

**CAUTION! Combustible Liquid. Central nervous system depressant. Vapor may cause light-headedness, headache, nausea, loss of coordination and respiratory tract irritation. Causes skin irritation.**

**Appearance/Odor: Black paste, strong petroleum solvent odor**

<b>3. Hazards Identification</b>
<u>Primary Routes(s) Of Entry</u> Inhalation
<u>Eye Hazards</u> May cause eye irritation (burning, tearing, redness or swelling).
<u>Skin Hazards</u> May cause skin irritation and contact dermatitis upon prolonged contact.
<u>Ingestion Hazards</u> May be harmful if swallowed. May cause gastric distress, vomiting and diarrhea.
<u>Inhalation Hazards</u> Exposure to vapors may cause respiratory tract irritation. Inhalation of vapors or mists may cause central nervous system depression, light-headedness, headache, nausea and loss of coordination.



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<p><b>3. Hazards Identification - Continued</b></p> <p><b><u>Chronic/Carcinogenicity Effects</u></b> This product or one of its ingredients present at 0.1% or more is listed as a carcinogen by NTP, IARC or OSHA. See Section 11 (Toxicological Information) for more details.</p>
<p><b>4. First Aid Measures</b></p> <p><b><u>Eye</u></b> In case of contact, hold eyelids apart and immediately flush eyes with plenty of water for at least 15 minutes. Get medical attention immediately if irritation develops and persists.</p> <p><b><u>Skin</u></b> Remove contaminated clothing and shoes. Wash affected areas with soap and water.</p> <p><b><u>Ingestion</u></b> Get medical attention immediately. DO NOT INDUCE VOMITING. Never give anything by mouth to an unconscious victim. Call a physician or poison control center immediately.</p> <p><b><u>Inhalation</u></b> Remove the person from the contaminated area to fresh air. If breathing is difficult, give oxygen. Get medical attention immediately.</p>
<p><b>5. Fire Fighting Measures</b></p> <p><b>Flash Point:</b> 120 °F <b>Flash Point Method:</b> Setaflash <b>Lower Explosive Limit:</b> 0.9 <b>Upper Explosive Limit:</b> 6.0</p> <p><b><u>Fire And Explosion Hazards</u></b> Combustible Liquid. Vapors are heavier than air and may spread long distances and ignite. Thermal decomposition (burning) may release irritating, corrosive and/or toxic gases, vapors and fumes.</p> <p><b><u>Extinguishing Media</u></b> Chemical foam, carbon dioxide (CO2), or dry chemical. Do not use direct stream of water.</p> <p><b><u>Fire Fighting Instructions</u></b> Firefighters should wear self-contained breathing apparatus and full protective gear.</p>
<p><b>6. Accidental Release Measures</b></p> <p>Collect and dispose in accordance with applicable regulations.</p>
<p><b>7. Handling And Storage</b></p> <p><b><u>Handling And Storage Precautions</u></b> Keep away from ignition sources. Keep containers tightly closed. Store in a cool, dry, well-ventilated area. Do not handle or store near heat, sparks, flame, strong oxidants or strong acids. Use only with adequate ventilation.</p>
<p><b>8. Exposure Controls/Personal Protection</b></p> <p><b><u>Engineering Controls</u></b> Use with adequate general and local exhaust ventilation. When used outdoors, stay well away from building air intakes or close and seal the intakes to prevent product from entering building.</p> <p><b><u>Eye/Face Protection</u></b> Safety glasses with side shields or goggles recommended.</p>



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**8. Exposure Controls/Personal Protection - Continued**

**Skin Protection**

Use with chemical-protective gloves to prevent skin contact.

**Respiratory Protection**

The level of respiratory protection needed should be based on the evaluation of chemical exposures by a health or safety professional. If required, use a NIOSH-approved air purifying respirator with organic vapor cartridge and particulate filter or supplied air respirator.

Occupational Exposure Limits for individual ingredients (if available) are listed below.

**Ingredient(s) - Exposure Limits**

- 1,2,4-trimethylbenzene  
ACGIH TLV-TWA 25 ppm
- 1,3,5-trimethylbenzene  
ACGIH TLV-TWA 25 ppm
- petroleum asphalt  
ACGIH TLV-TWA 0.5 mg/m3 (inhalable fraction, as benzene-soluble aerosol)
- calcium carbonate  
OSHA PEL-TWA 15 mg/m3 (total dust)  
OSHA PEL-TWA 5 mg/m3 (respirable dust)
- cellulose fiber  
ACGIH TLV-TWA 10 mg/m3
- silica, quartz  
ACGIH TLV-TWA 0.025 mg/m3  
OSHA PEL-TWA 30mg/m3 / (%SiO<sub>2</sub>+2) (total dust)  
OSHA PEL-TWA 10 mg/m3/ (%SiO<sub>2</sub>+2) (respirable dust)
- stoddard solvent  
ACGIH TLV-TWA 100 ppm  
OSHA PEL-TWA 500 ppm
- xylene  
ACGIH TLV-STEL 150 ppm  
ACGIH TLV-TWA 100 ppm  
OSHA PEL-TWA 100 ppm

**9. Physical And Chemical Properties**

**Appearance**

Black Paste

**Odor**

Strong Petroleum Solvent Odor

- Chemical Type:** Mixture
- Boiling Point:** 310-400 °F
- Specific Gravity:** 1.23
- Vapor Pressure:** 2@68°F
- Vapor Density:** >1
- pH Factor:** not applicable
- Solubility:** insoluble in water
- Evaporation Rate:** <1



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**10. Stability And Reactivity**

**Stability:** Stable

**Hazardous Polymerization:** Will not occur

**Incompatible Materials**

Avoid contact with strong oxidizing agents and acids.

**Hazardous Decomposition Products**

Toxic and irritating gases, vapors or fumes, carbon monoxide (CO), carbon dioxide (CO<sub>2</sub>).

**11. Toxicological Information**

**Chronic/Carcinogenicity**

IARC has concluded that the following chemicals in this product are carcinogenic to humans (Group 1): silica, quartz

ACGIH has designated the following chemicals in this product as suspected human carcinogens (A2): silica, quartz

NTP has listed the following chemicals in this product as known human carcinogens: silica, quartz

Risk of cancer depends on duration and level of exposure to this product as a dust.

**Miscellaneous Toxicological Information**

Toxicological testing has not been conducted for this product overall. Available toxicological data for individual ingredients are summarized below.

**Ingredient(s) - Toxicological Data**

1,2,4-trimethylbenzene

LD50 (oral, rat): 5000 mg/kg

LC50 (rat): 18 g/m<sup>3</sup> (4-hour exposure)

1,3,5-trimethylbenzene

Lethal dose (oral, rat): 23 g/kg lethal to 7 of 10 test animals

LC50 (rat): 24 g/m<sup>3</sup> (4-hour exposure)

calcium carbonate

oral-rat LD50: 6450 mg/kg

cellulose fiber

LD50 (oral, rat): >2000 mg/kg

LC50 (rat): >5800 mg/m<sup>3</sup> (4-hour exposure)

silica, quartz

iv-rat LD50: 500 mg/kg bw/Quartz (10-200 um)

stoddard solvent

oral-rat LD50: >5000 mg/kg

dermal-rabbit LD50: >3000 mg/kg

inhal-rat LC50: >5500 mg/m<sup>3</sup> (880 ppm)

inhal-rat LC50: >1300 ppm

xylene

LD50 (oral, rat): 5400 mg/kg

LD50 (dermal, rabbit): 12180 mg/kg

LC50 (rat): 6350 ppm (4-hour exposure)

**12. Ecological Information**

No specific information available.

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**13. Disposal Considerations**

Dispose in accordance with applicable federal, state and local government regulations.

**14. Transport Information**

Ground or Water Domestic Voyage

Not restricted if shipped in containers <450L (119 gallons)

Restricted if shipped in containers >450L (119 gallons)

US NA1993, Combustible liquid, n.o.s., (Petroleum Distillates mixture), Combustible liquid, III

Canada UN1999, Tars liquid, 3, III

Unless departs > flash point:

Both UN3256, Elevated Temperature liquid, flammable, n.o.s., (Petroleum Distillates mixture), 3, III

IMDG IMDG Code 2.3.2.5 - exempted from marking, labeling & testing of packages

IATA UN1999, Tars liquid, 3, III

**DOT (Pictograms)**



**15. Regulatory Information**

**U.S. Regulatory Information**

Asphalt may contain detectable amounts of chemicals known to the State of California to cause cancer or reproductive harm.

**Ingredient(s) - U.S. Regulatory Information**

1,2,4-trimethylbenzene

SARA Title III - Section 313 Form "R"/TRI Reportable Chemical

xylene

SARA Title III - Section 313 Form "R"/TRI Reportable Chemical

**Ingredient(s) - State Regulations**

1,2,4-trimethylbenzene

New Jersey - Workplace Hazard

New Jersey - Environmental Hazard

Massachusetts - Hazardous Substance

New York City - Hazardous Substance

1,3,5-trimethylbenzene

New Jersey - Workplace Hazard

Massachusetts - Hazardous Substance

New York City - Hazardous Substance

petroleum asphalt

New Jersey - Workplace Hazard

Pennsylvania - Workplace Hazard

Massachusetts - Hazardous Substance

New York City - Hazardous Substance

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California - Proposition 65

calcium carbonate

Pennsylvania - Workplace Hazard

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**15. Regulatory Information - Continued**

**Ingredient(s) - State Regulations - Continued**

- cellulose fiber
  - Pennsylvania - Workplace Hazard
- silica, quartz
  - New Jersey - Workplace Hazard
  - Pennsylvania - Workplace Hazard
  - California - Proposition 65
  - Massachusetts - Hazardous Substance
- stoddard solvent
  - New Jersey - Workplace Hazard
  - Pennsylvania - Workplace Hazard
  - Massachusetts - Hazardous Substance
  - New York City - Hazardous Substance
- xylene
  - New Jersey - Workplace Hazard
  - New Jersey - Environmental Hazard
  - New Jersey - Special Hazard
  - Pennsylvania - Workplace Hazard
  - Pennsylvania - Environmental Hazard
  - Massachusetts - Hazardous Substance
  - New York City - Hazardous Substance

**Canadian Regulatory Information**

This product has been classified in accordance with the hazard criteria of the CPR and the MSDS contains all the information required by the CPR. WHMIS Classification: B3 - Combustible Liquid, D2A - Very Toxic

**Ingredient(s) - Canadian Regulatory Information**

- 1,2,4-trimethylbenzene
  - WHMIS - Ingredient Disclosure List
- 1,3,5-trimethylbenzene
  - WHMIS - Ingredient Disclosure List
- silica, quartz
  - WHMIS - Ingredient Disclosure List
- stoddard solvent
  - WHMIS - Ingredient Disclosure List

**WHMIS - Canada (Pictograms)**

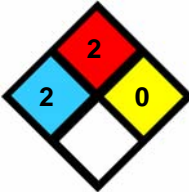


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NFPA	HMIS								
	<table border="1"><tr><td>HEALTH</td><td>2</td></tr><tr><td>FLAMMABILITY</td><td>2</td></tr><tr><td>REACTIVITY</td><td>0</td></tr><tr><td>PERSONAL PROTECTION</td><td></td></tr></table>	HEALTH	2	FLAMMABILITY	2	REACTIVITY	0	PERSONAL PROTECTION	
HEALTH	2								
FLAMMABILITY	2								
REACTIVITY	0								
PERSONAL PROTECTION									

### 16. Other Information

#### Revision/Preparer Information

This MSDS Supersedes A Previous MSDS Dated: 07/17/2007

#### Disclaimer

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