



MATERIAL SAFETY DATA SHEET

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AP570 TRI-BUILT ASPHALT PRIMER

1. Product And Company Identification

Supplier TRI-BUILT Roofing Products 15 East Union Avenue PO Box 511 East Rutherford, NJ 07073 Telephone Number: 800-516-1485	Manufacturer TRI-BUILT Roofing Products 15 East Union Avenue PO Box 511 East Rutherford, NJ 07073 Telephone Number: 800-516-1485
Supplier Emergency Contacts & Phone Number CHEMTREC: 800-424-9300	Manufacturer Emergency Contacts & Phone Number CHEMTREC: 800-424-9300

Issue Date: 02/08/2008

Product Name: AP570 TRI-BUILT ASPHALT PRIMER

2. Composition/Information On Ingredients

Ingredient Name	CAS Number	Percent Of Total Weight
1,2,4-trimethylbenzene	95-63-6	1 - 5
1,3,5-trimethylbenzene	108-67-8	1 - 5
petroleum asphalt	8052-42-4	40 - 70
stoddard solvent	8052-41-3	15 - 40
xylene	1330-20-7	1 - 5

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 liquid, strong petroleum solvent odor

3. Hazards Identification

Primary Routes(s) Of Entry

Inhalation

Eye Hazards

May cause eye irritation (burning, tearing, redness or swelling).

Skin Hazards

May cause skin irritation and contact dermatitis upon prolonged contact.

Ingestion Hazards

May be harmful if swallowed. May cause gastric distress, vomiting and diarrhea.

Inhalation Hazards

Exposure to vapors or mists may cause respiratory tract irritation. Inhalation of vapors or mists may cause central nervous system depression, light-headedness, headache, nausea and loss of coordination.

Chronic/Carcinogenicity Effects

None of the ingredients of this product comprising over 0.1% are classified as carcinogenic according to OSHA, National Toxicology Program (NTP), International Agency for Research on Cancer (IARC) or the American Conference of Governmental Industrial Hygienists (ACGIH).



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4. First Aid Measures

Eye
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.

Skin
Remove contaminated clothing and shoes. Wash affected areas with soap and water.

Ingestion
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.

Inhalation
Remove the person from the contaminated area to fresh air. If breathing is difficult, give oxygen. Get medical attention immediately.

Note To Physician
Aspiration of liquid into the lungs during swallowing or vomiting can cause lung inflammation, serious lung damage and even death from chemical pneumonitis.

5. Fire Fighting Measures

Flash Point: 105 °F
Flash Point Method: closed cup
Lower Explosive Limit: 0.9
Upper Explosive Limit: 6.0

Fire And Explosion Hazards
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.

Extinguishing Media
Chemical foam, carbon dioxide (CO2), or dry chemical. Do not use direct stream of water.

Fire Fighting Instructions
Firefighters should wear self-contained breathing apparatus and full protective gear.

6. Accidental Release Measures

Contain and/or absorb spill with inert material (e.g. sand, vermiculite). Collect and dispose in accordance with applicable regulations. Avoid runoff to waterways and sewers. For large spills, contain runoff and recover by pumping with explosion proof equipment.

7. Handling And Storage

Handling And Storage Precautions
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.

8. Exposure Controls/Personal Protection

Engineering Controls
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.

Eye/Face Protection
Chemical splash goggles or faceshield over safety glasses or goggles recommended.



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8. Exposure Controls/Personal Protection - Continued

Skin Protection

Use with chemical-protective gloves made of Nitrile or Neoprene 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 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)
- 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 liquid

Odor

Strong petroleum solvent odor

Chemical Type: Mixture

Physical State: Liquid

Boiling Point: 310-400 °F

Specific Gravity: 0.93

Percent Volatiles: <35

Vapor Pressure: 2@68°F

Vapor Density: >1

pH Factor: not applicable

Solubility: insoluble in water

Evaporation Rate: <1

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 (CO2).



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11. Toxicological Information

Chronic/Carcinogenicity

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/m3 (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/m3 (4-hour exposure)
- stoddard solvent
 - oral-rat LD50: >5000 mg/kg
 - dermal-rabbit LD50: >3000 mg/kg
 - inhal-rat LC50: >5500 mg/m3 (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.

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, flammable, 3, III

Unless departs >flash point:

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

IMDG UN1999, Tars liquid, flammable, 3, III

IATA UN1999, Tars liquid, flammable, 3, III



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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
- 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, D2B - Toxic

Ingredient(s) - Canadian Regulatory Information

- 1,2,4-trimethylbenzene
 - WHMIS - Ingredient Disclosure List
- 1,3,5-trimethylbenzene

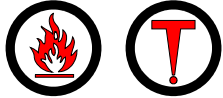
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15. Regulatory Information - Continued

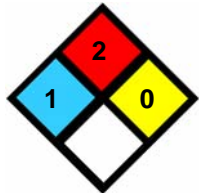
Ingredient(s) - Canadian Regulatory Information - Continued

WHMIS - Ingredient Disclosure List
 stoddard solvent
 WHMIS - Ingredient Disclosure List

WHMIS - Canada (Pictograms)



NFPA



HMIS

HEALTH	1
FLAMMABILITY	2
REACTIVITY	0
PERSONAL PROTECTION	

16. Other Information

Revision/Preparer Information

This MSDS Supersedes A Previous MSDS Dated: 06/25/2007

Disclaimer

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