

# Material Safety Data Sheet

**Pro-Tech Products, Inc.**

3003 N. 73rd St. Scottsdale, AZ 85251 (800) 538-7303

**PRODUCT IDENTIFICATION**

**TRADE NAME:** *Modified Asphalt Primer*  
**DATE PREPARED:** 01/12/2012

**PRODUCT CLASS:** Roof Coating

**INGREDIENTS - HAZARD CLASSIFICATION**

<u>COMPONENT</u>	<u>CAS REG NO.</u>	<u>WEIGHT%</u>
1. Acrylic Polymer	not hazardous	n/a
2. Titanium Dioxide	13463-67-7	n/a
3. Calcium Carbonate	1317-65-3	n/a
4. Ethylene Glycol	107-21-1	2.0 max
5. Water	7732-18-5	n/a
6. Ammonia	7664-41-7	00.1 max
7. Esther-Alcohol	25265-77-4	1.0 max
8. Water Base Asphalt	not hazardous	n/a

<u>COMPONENT #</u>	<u>OSHA</u>			<u>ACGIH</u>	
	<u>UNITS</u>	<u>TWA</u>	<u>STEL</u>	<u>TWA</u>	<u>STEL</u>
1.		none	none	none	none
2.	mg/m3	10B	none	10B	none
3.	mg/m3	5A	none	10B	none
4.	mg/m3	120C	none	100C	none
5.		none	none	none	none
6.	PPM	none	35	25	35
7.	mg/m3	none	none	none	none
8.	mg/m3	none	none	none	none

- a Respirable Fraction
- b Total Dust
- c Ceiling

Respiratory Protection

None required if airborne concentrations are maintained below the exposure limit listed in 'Exposure Limit Information'. A respiratory protection program meeting OSHA 1910.134 and ANSI Z88.2 requirements must be followed whenever workplace conditions warrant a respirator's use.

**Up to 1000 ppm organic vapor:** Wear a MSHA / NIOSH approved (or equivalent) half-mask, air-purifying respirator.

**Above 1000 ppm organic vapor or Unknown:** Wear a MSHA / NIOSH approved (or equivalent) self-contained breathing apparatus in the positive pressure mode,

OR,

MSHA / NIOSH approved (or equivalent) full-face piece airline respirator in the positive pressure mode with emergency escape provisions.

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Air-purifying respirators should be equipped with an ammonia/methylamine cartridge. Air-purifying respirators should be equipped with MSHA / NIOSH approved (or equivalent) cartridges for protection against organic vapors and filters for protection against dusts and mists.

FORMULA: C12 H24 O3

DATE ISSUE: 5/06

HAZARD RATING (NFPA 704 CRITERIA)

SUPERCEDES: 1/97

Health: 1

### Hazard Rating Scale

Fire: 0

0=Minimal 1=Slight

Reactivity: 0

2=Moderate 3=Serious

Special: NONE

4=Severe

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## PHYSICAL DATA

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**BOILING RANGE:** N/A **VAPOR DENSITY:**  X  *Heavier*   *Lighter*, Than Air

**EVAPORATION RATE:**   *Faster*  X  *Slower*, Than Ether

**PERCENT VOLATILE BY VOLUME:** N/A **WEIGHT PER GALLON:** 11.6

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## FIRE AND EXPLOSION HAZARD DATA

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**DOT CATEGORY:** Class 55

**FLASHPOINT:** > n/a

**LEL:** n/a

**EXTINGUISHING MEDIA:** Regular foam, carbon dioxide, or dry chemical. Water may be used to reduce the rate of burning and for cooling containers.

**SPECIAL FIRE FIGHTING PROCEDURES:** Self-contained breathing apparatus with full face piece operated in a pressure-demand or other positive pressure mode.

**UNUSUAL FIRE AND EXPLOSION HAZARDS:** Vapors are heavier than air and may travel along the ground.

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## REACTIVITY DATA

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**Conditions Contributing To Instability:** This product is normally stable.

**Incompatibility:** This product is incompatible with strong oxidizing agents, strong acid or bases and selected amines.

**Hazardous Decomposition Products:** Thermal decomposition in the presence of air yield carbon monoxide and/or carbon dioxide.

**Conditions Contributing To Hazard Polymerization:** N/A WILL NOT OCCUR

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## HEALTH HAZARD DATA

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### ROUTES OF EXPOSURE

### HAZARD CLASSIFICATION BASIS FOR CLASSIFICATION SOURCE

*Inhalation:*

Excessive inhalation of vapors can cause nasal and respiratory irritation, dizziness, weakness, fatigue, nausea, headache.

*Skin Contact:*

This product may cause skin irritation upon prolonged or repeat contact.

*Skin Absorption:*

Prolonged or repeated contact can cause moderate irritation, defatting or dermatitis.

*Eye Contact:*

Can cause moderate irritation, redness, tearing, blurred vision.

# Material Safety

## Data Sheet

*Ingestion:*

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Can cause gastrointestinal irritation, nausea, vomiting, diarrhea and kidney failure.

*Effect of Overexposure:*

SEE ABOVE

*Acute Overexposure:*

SEE ABOVE

*Chronic Overexposure:*

SEE ABOVE

### EMERGENCY AND FIRST AID PROCEDURES

**EYES:** Flush with large amounts of water for 15 minutes lifting upper and lower lids occasionally. Seek medical attention.

**SKIN:** Thoroughly wash exposed area with soap and water. Remove contaminated clothing. Launder contaminated clothing before re-use.

**INGESTION:** If swallowed, give 2 glasses of water to drink. Never give anything by mouth to an unconscious person. Consult a physician.

**NOTE TO PHYSICIAN:** Ethylene glycol is moderately toxic by ingestion. Systemic effects include possible liver and kidney damage. If swallowed, immediate evacuation of the stomach is advisable. Ethanol is an antidote. Its early administration may block the formation of nephrotoxic metabolites of ethylene glycol in the liver. Ethanol should be given orally first in 50% solution, then in a 20% solution. Hemodialysis is necessary.