



SECTION 1: IDENTIFICATION

Product Name	AE-600
Other Names	Asphalt Emulsion
Use	Roof Coating
Company	Perma-Tech Roofing Supply 5355 E 29th St. Tucson, AZ 85711 Tel: (520) 573-6300
Emergency Tel.	ChemTrec 800-262-8200

SECTION 2: HAZARD(s) IDENTIFICATION

GHS HAZARD CLASSIFICATION:

Physical Hazards	None	
Health Hazards	Acute Toxicity-Oral	Category 5
	Acute Toxicity-Inhalation	Category 5
	Skin Corrosion/Irritation	Category 3
	Eye Damage/Irritation	Category 2B
Aquatic Environment Hazard	Acute	Category 3

LABEL ELEMENTS:

Signal Word	Warning
Hazard Statements	H303: May be harmful if swallowed H333: May be harmful if inhaled H316: Causes mild skin irritation H320: Causes eye irritation H402: Harmful to aquatic life
Precautionary statements	
Prevention	P264: Wash thoroughly after handling. P273: Avoid release to the environment.-if this is not the intended use.
Response	

P312: Call a POISON CENTER or doctor if you feel unwell.
P304+312: IF INHALED: Call a POISON CENTER or doctor/physician if you feel unwell.
P332+313: If skin irritation occurs: Get medical advice/attention.
P305+351+ IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if
338: present and easy to do – continue rinsing.
P337+313: If eye irritation persists get medical advice/attention.

Storage Keep from freezing.

Disposal P501: Dispose of contents and container in accordance with local, regional, national, and international regulation.

Canadian WHMIS NA

SECTION 3: COMPOSITION/INFORMATION ON HAZARDOUS INGREDIENTS

Mixture

Chemical Name	Common Name	CAS number	Percent by weight
Petroleum Asphalt	Asphalt	8052-42-4	30-70%

SECTION 4: FIRST-AID MEASURES

General Advice	Take off immediately all contaminated clothing. Get Medical advice/attention if you feel unwell. Wash contaminated clothing before reuse.
Inhalation	Remove person to fresh air and keep comfortable for breathing. Get Medical attention if you feel unwell.
Skin	Take off immediately all contaminated clothing and wash it before reuse. Wash with plenty of soap and water. If skin irritation or a rash occurs: Get medical advice/attention.
Eye	Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do and continue rinsing. If eye irritation persists: Get medical attention.
Ingestion	IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. Get Medical advice and/or attention if you feel unwell.
Most important symptoms/effects, acute and delayed	Eye irritation. Symptoms may include stinging, tearing, redness, swelling and blurred vision. Skin irritation: May cause redness, itching and/or pain. Inhalation of mist/vapors: Prolonged or repeated exposure may cause chronic effects.
Indication of immediate medical attention and special treatment needed	Provide general supportive measures and treat symptomatically.

SECTION 5: FIRE-FIGHTING MEASURES

This material is water based and is not combustible under normal conditions. If the material is exposed to sufficient heat for sufficient time to evaporate the water, combustion may occur.

Suitable Extinguisher type(s)	Use carbon dioxide (CO ₂), alcohol foam, water fog or dry chemical to extinguish.
Unsuitable Extinguisher type	Do not use stream or jet of water as this will spread fire.
Specific hazardous arising from fire.	Vaporized material may form explosive mixture with air. Thermal decomposition (burning) will produce oxides of carbon including carbon monoxide and may also produce irritating, corrosive and/or toxic gases, vapors and fumes.
Special protective equipment for fire fighting.	Self-contained breathing apparatus and full protective gear must be worn in case of fire.

SECTION 6: ACCIDENTAL RELEASE MEASURES

Leak or spill procedures	Provide adequate ventilation.
Containment	Contain and absorb with inert material. (e.g. oil dry, sand)
Cleanup	Dispose in accordance with all local, state and federal regulations.
Precautions	In the event of a large spill, contain material and recover for use if possible. Avoid discharge into drains, water courses and the ground.

SECTION 7: HANDLING AND STORAGE

Storage	Keep from freezing. Keep containers tightly closed. Store in a cool, dry and well ventilated area.
Handling	Avoid prolonged or repeated skin contact and avoid breathing vapors.
Incompatible Contaminants	Avoid exposure to oxidizing agents.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

Engineering Controls	Use with adequate ventilation.
PPE	Eye/Face: Face shield, goggles Skin: Chemical protective gloves. Respiratory: Level of exposure needs to be determined. If required, use a particulate filter, a NIOSH-approved air purifying respirator with organic vapor cartridge or a supplied air respirator.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Appearance	
Form	Liquid
Color	Dark brown to Black
Flammability Limits	
Upper	Not applicable
Lower	Not applicable
Odor	Mild Petroleum Odor
Odor Threshold	Not Determined
Vapor Pressure at 20°C	2.3 kilopascal
pH	8-10
Vapor Density (air=1)	>1

Evaporation Rate	Not Determined
Specific Gravity, 16°C	1.027
Melting Point/Range	32°F (0°C)
Boiling Point/Range	212°F (100°C)
Solubility	Dispersible
Partition Coefficient	Not Determined
Flash Point	Not applicable
Flammability	Nonflammable
Auto ignition Temperature	Not applicable
Decomposition Temperature	Not Determined
Viscosity	40 to 200 mm ² /sec

SECTION 10: STABILITY AND REACTIVITY

Reactivity

Chemical Stability Stable

Other

Hazardous Reactions	None known
Polymerization	Will not occur.
Conditions to Avoid	Freezing and boiling
Incompatible Materials	None known
Decomposition Hazards	Combustion products: Oxides of carbon, nitrogen, and sulfur and potentially irritating and/or toxic fumes.

SECTION 11: TOXICOLOGICAL INFORMATION

Routes of Exposure

Inhalation	Excessive inhalation of mist may cause blockage of airways.
Ingestion	Expect low ingestion hazard. Do NOT induce vomiting.
Skin Contact	Causes mild skin irritation
Eye Contact	Causes eye irritation

Delayed, Immediate, and Long

Term Exposure None known

Carcinogenicity

None of the components of this mixture are considered to be a carcinogen by IARC, ACGIH, NTP, OR OSHA.
Bitumen fumes generated at paving temperatures in excess of 250°F (120°C) are classified by IARC as "possibly carcinogenic to humans" (Group 2B) but this product is used at ambient temperatures and does not generate fumes.

SECTION 12: ECOLOGICAL INFORMATION

Eco toxicity

This mixture contains components that are potentially toxic to freshwater and saltwater ecosystems.

Environmental Fate

This material may be harmful to aquatic organisms.

SECTION 13: DISPOSAL CONSIDERATIONS

Hazard characteristic and regulatory waste classification can change with product use. Accordingly, it is the responsibility of the user to determine the proper handling and disposition for disposal according to local, state, federal and international regulations.

SECTION 14: TRANSPORT INFORMATION

For Industrial/Professional Use Only-Keep out of reach of Children. Keep from freezing.

DOT No label required. Not regulated for transport.

Proper shipping name: n/a

Identification Numbers: n/a

Class or Division: n/a

Packing Group: n/a

Label Codes: n/a

Special Provisions: n/a

Packaging

Exceptions: n/a

Non-Bulk: n/a

Bulk: n/a

Quantity Limitations

Passenger Aircraft/Rail: n/a

Cargo Aircraft Only: n/a

Vessel Stowage

Location: n/a

Other: n/a

Transport in Bulk according to Annex II of MARPOL 73/78 and the IBC Code

SECTION 15: REGULATORY INFORMATION

TSCA All components are on the TSCA inventory.

Sara Title III, Section 313 No, None

Sara Title III, Section 311, 312 No, None

SECTION 16: OTHER INFORMATION

The information and recommendations contained herein are based upon data believed to be correct. However, no guarantee or warranty of any kind expressed or implied is made with respect to the information contained herein.