



PRO-TECH PRODUCTS, INC

Safety Data Sheet According to GHS Modified Asphalt Primer

SECTION 1: Identification

Product identifier

Product name	Modified Asphalt Primer
Substance name	Asphalt Emulsion

Supplier's details

Name	Pro-Tech Products, Inc
Address	3003 N. 73rd Street Scottsdale, AZ 85251 USA
Telephone	480-945-7303
Fax	480-945-8873
Website	WWW.Pro-TechProducts.com

Emergency phone number(s)

CHEMTREC: 800-424-9300

SECTION 2: Hazard identification

Classification of the substance or mixture

- Eye damage/irritation (chapter 3.3), Cat. 2B
- Skin corrosion/irritation (chapter 3.2), Cat. 3

GHS label elements, including precautionary statements

Hazard statement(s)

Causes eye irritation
Causes mild skin irritation

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Precautionary statement(s)

-Wash ... thoroughly after handling.

-IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing.

-If eye irritation persists: Get medical advice/attention.

-Wear protective gloves/protective clothing/eye protection/face protection.

-If skin irritation occurs: Get medical advice/attention.

Other hazards which do not result in classification

May cause skin and eye irritation. Dilute with water. For hot product, immediately immerse in or flush the affected area with large amounts of cold water to dissipate heat. Do not allow material to completely dry. Fumes from heated material may be irritating. Aspiration hazard if swallowed- can cause lung damage.

SECTION 3: Composition/information on ingredients

Substances

Substance name	Cationic Asphalt Emulsion
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Hazardous components

1. Asphalt

Concentration	Not specified
CAS no.	8052-42-4

2. Water

Concentration	Not specified
CAS no.	7732-18-5

3. Hydrogen Sulfide

Concentration	Not specified
CAS no.	7783-06-4

4. Confidential ingredient A

Concentration	Not specified
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5. Confidential Ingredient B

Concentration	Not specified
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6. Confidential Ingredient C

Concentration	Not specified
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SECTION 4: First-aid measures

Description of necessary first-aid measures

If inhaled	At elevated temperatures may cause irritation of the eyes and respiratory tract. Although this product is not known to cause respiratory problems, if breathing is difficult, safely remove victim to fresh air and provide oxygen. Get immediate medical attention.
In case of skin contact	Wash skin with soap and water. Wear protective gloves to minimize skin contamination. For hot material exposure, DO NOT try to remove solidified material from the skin. DO NOT try to dissolve with solvents or thinners.
In case of eye contact	Hold eyelids apart and flush eyes with plenty of water for at least 15 minutes. Get medical attention if irritation develops or persists. Burns due to contact with heated material requires immediate medical attention.
If swallowed	Get immediate medical attention. Do not induce vomiting due to danger or aspirating liquid into lungs. Gastric may be required.

Most important symptoms/effects, acute and delayed

Exposure to hot material may cause thermal burns. Vapors may have an offensive odor which may cause headaches, nausea, and vomiting. Symptoms of overexposure include: fatigue, tearing of eyes, burning sensation in the throat, cough, chest discomfort and skin irritation.

SECTION 5: Fire-fighting measures

Suitable extinguishing media

Use alcohol foam, carbon dioxide, or water spray when fighting fires involving this material. Exercise care when using water as contact with hot asphalt products may produce steam and violent foaming.

Special protective actions for fire-fighters

As in any fire, wear self-contained breathing apparatus pressure-demand MSHA/NIOSH (approved or equivalent) and full protective gear. Decomposition may produce fumes, smoke, oxides or carbon and hydrocarbons, and possible small quantities of hydrogen sulfide.

Further information

Combustion Products: Avoid breathing vapors from heated material. Combustion may produce CO, NOx, SOx, and reactive hydrocarbons.

SECTION 6: Accidental release measures

Personal precautions, protective equipment and emergency procedures

Observe precautions in protective equipment section.

Methods and materials for containment and cleaning up

Stop the source of the leaks or release. Clean up releases as soon as possible, observing precautions in exposure controls/ personal protection. Contain liquid to prevent further contamination of soil, surface water or groundwater. Large spillage should be dammed-off and pumped into containers.

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SECTION 7: Handling and storage

Precautions for safe handling

Use protective clothing impervious to this material.

Conditions for safe storage, including any incompatibilities

Do not store at temperatures above 82° C.

SECTION 8: Exposure controls/personal protection

Control parameters

1. HYDROGEN SULFIDE (CAS: 7783-06-4)

Appropriate engineering controls

Facilities storing or utilizing this material should be equipped with an eye wash facility and a safety shower.

Individual protection measures, such as personal protective equipment (PPE)

Eye/face protection

Where contact with this material is likely, eye protection is recommended.

Skin protection

Selection of specific items such as gloves, boots, apron or full-body suit will depend on operation.

Respiratory protection

When there is potential for airborne exposures in excess of applicable limits, wear NIOSH/MSHA approved respiratory protection.

SECTION 9: Physical and chemical properties

Information on basic physical and chemical properties

Appearance/form	Liquid
Odor	Asphalt
pH	2-4
Melting point/freezing point	0°C
Initial boiling point and boiling range	100°C @ 760 mm Hg
Vapor pressure	Flammability (solid, gas) N/A
Vapor density	Same as water mm Hg @ 21°C
Solubility(ies)	Same as Water (Air=1)
Auto-ignition temperature	Dispersible in water
% Volatiles	None
Volatile Organic Compounds (VOC)	< 40% @ 21°C @ 760 mm Hg
	<2%

SECTION 10: Stability and reactivity

Chemical stability

This compound is stable at ambient conditions.

Possibility of hazardous reactions

Avoid contact with strong oxidizing agents.

Conditions to avoid

Avoid extreme temperatures.

Hazardous decomposition products

Decomposition will not occur if handled and stored properly.

SECTION 11: Toxicological information

Information on toxicological effects

Acute toxicity

This material or all of its components are listed on the inventory of existing chemical substances under the Toxic Substance Control Act (TSCA).

SECTION 12: Ecological information

Toxicity

N/A

SECTION 13: Disposal considerations

Disposal of the product

Treat or dispose of waste material in accordance with all local, state/ provincial, and national requirements. Avoid disposal into waste water treatment facilities.

Disposal of contaminated packaging

Uncleaned empty containers should be disposed of in the same manner as the contents.

Other disposal recommendations

Treat contaminated materials as waste.

SECTION 14: Transport information

DOT (US)

Product Label.....: CSS-1h

D.O.T Shipping name....: Non-Regulated, water based asphalt emulsion.

D.O.T Hazard Class.....: Non-Hazardous.

SECTION 15: Regulatory information

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Safety, health and environmental regulations specific for the product in question

EEC Symbols and Indications of Danger:

irritant (XI)

R-Phrases:

R36/37/38- Irritating to eyes, respiratory system, and skin.

WHMIS Hazard Symbols:

None

Cercla Hazardous Substances:

Hydrogen Sulfide (7783-06-4)-- RQ 100 lbs

RCRA Hazardous Substances:

Hydrogen Sulfide (7783-06-4) -- RCRA Code: U135

Title V:

Hydrogen Sulfide (7783-06-4)

SC Toxic Air Pollutants List:

Hydrogen Sulfide (7783-06-4)

SECTION 16: Other information

SDS preparation date: 6/15/15

Important Notices

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