

Section 1: Identification of the substance/mixture and of the company/undertaking

Product form: Liquid
Substance name: Permafast Rapid Dry Additive
Synonyms: Asphalt Sealer Rapid Dry Additive

Manufacturer

Advantage Sealing Systems Inc.
PO Box 310005 Fontana CA 92331
909-823-1811

Emergency telephone number

CHEMTREC (800) 424-9300

Section 2: Hazards identification

Classification of the substance or mixture: Eye Irritant
Skin Corrosion/Irritation
Category 2A
Category 3



Signal Word: WARNING

Hazard Statements

- May be harmful if swallowed.
- May cause mild skin irritation.
- Will cause eye irritation in the event of eye exposure.

Precautionary Statements

- Obtain and read instructions before use.
- Do not handle until all safety precautions have been read and understood.
- Exposure to hot material may cause thermal burns.

Section 3: Composition/information on ingredients/Typical Values

Chemical Name	Amount	CAS Number
Acrylic Polymer	<45.00%	NA Mixture
Methanol	<0.5%	67-56-1
Carbon Black	<2.0%	1333-86-4

Section 4: First aid measures

First-aid measures general:	Remove from contaminated area.
First-aid measures after inhalation:	If breathing is difficult, remove to fresh air, give oxygen. Get immediate medical attention.
First-aid measures after skin contact:	Wash skin with soap and water. Wear protective glove to minimize skin contamination.
First-aid measures after 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 require immediate medical attention.
First-aid measures after ingestion:	If conscious, give two glasses of water or milk. Get immediate medical attention. Do not induce vomiting due to danger of aspirating liquid into lungs. Gastric lavage may be required.

Most important symptoms and effects, both acute and delayed

Eyes:	Irritation
Skin:	Irritation
Inhalation:	Irritation
Chronic Effects:	No known hazards in normal industrial use.

Section 5: Firefighting measures

Extinguishing media

Suitable extinguishing media:	Dry chemical, carbon dioxide, water spray or foam.
Unsuitable extinguishing media:	Exercise care when using water as contact with hot asphalt products may produce steam and violent foaming.

Special hazards arising from the substance or mixture

Fire hazard:	Product is an aqueous solution. Heated product may produce hazardous fumes, decomposition products or residues. Small quantities of hydrogen sulfide may be released upon heating.
Explosion hazard:	None
Reactivity:	Avoid contact with strong bases.

Advice for firefighters

Firefighting instructions:

Decomposition may produce fumes, smoke, oxides of carbon and hydrocarbons and possible small quantities of hydrogen sulfide. Avoid breathing vapors from heated material. Combustion may produce CO, NO_x, SO_x and reactive hydrocarbons.

Protection during firefighting:

As in any fire, wear self-contained breathing apparatus pressure-demand MSHA/NIOSH approved and full protective gear.

Section 6: Accidental release measures

Personal precautions, protective equipment and emergency procedures

General measures:

Clean up spills immediately using appropriate personal protective equipment.

For non-emergency personnel

Protective equipment:

Gloves, safety with side shields, boots.

Emergency procedures:

Absorb spills with absorbent material. Contain spilled liquid with sand or earth.

For emergency responders

Protective equipment:

Gloves, safety glasses with side shields, boots.

Emergency procedures:

Stop the source of the leak or release. Clean up releases as soon as possible.

Environmental precautions

Prevent contamination of soil, surface water or groundwater.

Methods for containment/clean up

Absorb spills with inert material and place into separate waste container. Contain spilled liquid with sand or earth. Contain liquid to prevent contamination of soil, surface water or groundwater. Large spillage should be dammed-off and pumped into containers.

Section 7: Handling and storage

Precautions for safe handling

Use only as directed in well-ventilated area. Avoid prolonged contact with skin. Avoid contact with eyes. Avoid breathing mist or vapor. Do not eat, smoke, or drink with contaminated hands. Do not discard into sewers or drains. Always wear personal protective equipment.

Storage conditions:

Keep all containers tightly sealed. Do not store in direct sunlight. Store at room temperature.

Section 8: Exposure controls/personal protection

Engineering Controls:	Facilities storing or utilizing this material should be equipped with an eyewash facility and a safety shower.
Eye/Face Protection Requirements:	Where contact with this material is likely, eye protection is recommended.
Skin Protection Requirements:	Selection of specific items such as gloves, boots, apron or full-body suit will depend on operation and potential exposure.
Respiratory Protection Requirements:	Where there is potential for airborne exposure in excess of applicable limits, wear NIOSH/MSHA approved respiratory protection.

Exposure Guidelines:

Methanol	OSHA PEL	200 mg/M3
Carbon Black	OSHA PEL	3.5 mg/M3

Section 9: Physical and chemical properties

Information on basic physical and chemical properties

Physical state:	Liquid
Appearance:	Grayish Black
Odor:	Asphalt Odor
pH:	7-8
Freezing point:	32 degrees F
Specific Gravity:	1.4-1.7 (Water=1)
Boiling point:	212 degrees F
Flash point:	None
UEL:	N/A
LEL:	N/A
Vapor pressure:	Same as water mm Hg @ 21 degrees C
Solubility:	Soluble in water
Decomposition temperature:	275 degrees F
Viscosity:	78 KU's

Section 10: Stability and reactivity

Reactivity:	Low
Chemical stability:	This compound is stable at ambient conditions.
Possibility of hazardous reactions:	Low
Conditions to avoid:	Avoid extreme temperatures.
Incompatible materials:	Avoid contact with strong bases.
Hazardous decomposition product:	Decomposition will not occur if handled and stored properly.
Polymerization:	Hazardous polymerization will not occur.

Section 11: Toxicological information

None Tested

Section 12: Ecological information

Environmental Hazards

This product is considered to be biodegradable. There is no evidence to show that this product will cause adverse ecological effects on the environment.

Section 13: Disposal considerations

Waste Disposal:	This product, as supplied, when discarded or disposed of, may be a hazardous waste according to Federal regulations (40 CFR 261). Under the Resource Conservation and Recovery Act (RCRA), it is the responsibility of the user of the product to determine whether the material is a hazardous waste subject to RCRA. Treat or dispose of waste material in accordance with all local, state/provincial, and national requirements. Avoid disposal into wastewater. treatment facilities.
Contaminated Materials:	Treat as product waste.
Container Disposal:	Unclean empty containers should be disposed of in the same manner as the contents.

Section 14: Transport information

Product Label:	Asphalt Sealer Rapid Dry Additive
UN Number:	Non-hazardous, no UN number
DOT Shipping Name:	Non-Regulated, Water Based Asphalt Emulsion
DOT Hazard Class:	Non-Hazardous

Section 15: Regulatory information

None



Permafast
Safety Data Sheet
Rev: 1/11/2024

Section 16: Other information

Indication of changes

NFPA health hazard:	1
NFPA fire hazard:	0
NFPA reactivity:	0
Personal Protection Index:	1

HMIS III Rating

Health:	1
Flammability:	0
Reactivity:	0
Special Hazard:	None

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