



HAZARD COMMUNICATION STANDARD: SAFETY DATA SHEETS (SDS)

Section 1: Identification

In this section you will find the product name which will be listed on the label as well as any contact information on the manufacturer.

Product Identification	PP-SF-55 Super Flex®
Product Use Description	Asphalt Crack Filler
Manufacturer/Supplier	Perma-Patch, LLC. 6123 Oakleaf Ave Baltimore, MD 21215 (800) 847-5744
Emergency Phone Number	(800) 424-9300

Section 2: Hazard(s) Identification

When looking at the different classifications of hazards this chemical meets you will see category numbers to tell you how severe the hazard is. Please remember, these numbers ARE NOT the same as the old NFPA/HMIS system. In this case, the numbering generally starts at 1 (most hazardous) and ends at 5 (least hazardous.) There are letters used in certain categories as well. Always remember, the lower the number or letter, the more severe the hazard.

O.S.H.A. Hazard Classifications:

Eyes Irritation- Category 2A
Skin Irritation- Category 4

US OSHA Hazard Symbol:



US DOT SYMBOLS

Non Regulated

Signal Word: Warning!

Hazard Statements: May be harmful if swallowed. May cause mild skin irritation. Will cause eye irritation.

Section 3: Composition/Information on Ingredients

This section lists the ingredients of this product. For Exposure limits please refer to section 8 of this document.

Component	CAS-No.	Weight %
"Proprietary Trade Secret"	NA Mixture	<15.00
Asphalt Residual	08052-42-4	<20.00
Calcium Carbonate	1317-65-3	<30.00
Water	7732-18-5	<35.00

Section 4: First-Aid Measures

This area will tell you what to do if there is an exposure to this chemical. If there is an exposure situation that requires emergency care, remember to bring a copy of this document to help in aid.

- Inhalation:** Remove from contaminated area. If breathing is difficult, give oxygen. If breathing stops, give artificial respiration - Call Physician
- Skin Contact:** Remove contaminated clothing. Wash skin with soap and water.
- Eye Contact:** Immediately flush with water for at least 15 minutes holding eyelids open. Call a physician if irritation develops
- Ingestion:** If conscious give 1 to 2 glasses of milk or water, induce vomiting and call a physician. **NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON.**

Section 5: Fire Fighting Measures

This section lists how to extinguish a fire but more importantly any specific hazards that can be created should this product burn.

- Suitable Extinguishing Equipment:** Dry chemical, CO₂, Halon Water spray or standard foam.
Large fires-use water spray, fog or standard foam.
- Specific Hazards:** Although this material is considered non-flammable, if it is in the fire area, an approved, self-contained breathing apparatus should be worn to prevent exposure to thermal decomposition products and residual monomers.
- Special Protective Equipment:** For fires in enclosed areas, wear self-contained breathing apparatus.
- Other Information:** N/A

Section 6: Accidental Release Measures

This section provides recommendations on the appropriate response to spills, leaks, or releases including containment and cleanup practices to prevent or minimize exposure to people, properties, or the environment.

- Personal Precautions:** Avoid prolonged inhalation. Open all windows and doors. Advise proper authorities. Wear protective clothing, safety glasses, and impervious gloves.
- Environmental Precautions:** Prevent product from entering storm drains, sewers.
- Methods for Clean Up:** Shovel up and dispose of in accordance to local laws and authorities.

Section 7: Handling and Storage

This section provides guidance on the safe handling practices and conditions for safe storage of chemicals.

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 vapors. Do not eat, smoke, or drink with contaminated hands. Do not discard into sewers or drains.

Conditions for Safe Storage:

Store away from ignition sources in tightly sealed containers at room temperature. Do NOT store in Direct Sunlight.

Section 8: Exposure Controls/Personal Protection

This section indicates the exposure limits, engineering controls, and personal protective measures that can be used to minimize worker exposure.

OSHA Permissible Exposure Limits: N/A

Control Parameters: N/A

Recommendations for Personal Protection: Gloves, Eye Protection

Other Special Instructions: N/A

Section 9: Physical and Chemical Properties

This section identifies physical and chemical properties associated with the substance or mixture.

Appearance- Brown Thick Paste

Odor- None

pH- 3-4

Melting Point- N/A

Freezing Point – 32°F

Initial Boiling Point- 212°F

Flash Point- N/A

Evaporation Rate- Equivalent to Water

Flammability- Non Flammable

Explosive Limits- N/A

Vapor Pressure- N/A

Vapor Density- Heavier

Solubility(ies)- Soluble in Water

Viscosity- 90+ KU's

Section 10: Stability and Reactivity

This section describes the reactivity hazards of the chemical and the chemical stability information. This section is broken into three parts: reactivity, chemical stability, and other.

Reactivity: Avoid use around oxidizing agents.

Chemical Stability: Stable

Other:

Section 11: Toxicological Information

This section identifies toxicological and health effects information or indicates that such data are not available.

Non-Toxic

Section 12: Ecological Information (non-mandatory)

This section provides information to evaluate the environmental impact of the chemical(s) if it were released to the environment.

Section 13: Disposal Considerations (non-mandatory)

This section provides guidance on proper disposal practices, recycling or reclamation of the chemical(s) or its container, and safe handling practices.

Although this product is believed to have no adverse effects on the environment, ALWAYS dispose of unused material in accordance with Federal, State and local laws.

Section 14: Transport Information (non-mandatory)

This section provides guidance on classification information for shipping and transporting of hazardous chemical(s) by road, air, rail or sea.

Section 15: Regulatory Information (non-mandatory)

This section identifies the safety, health, and environmental regulations specific for the product that is not indicated anywhere else on the SDS.

N/A

Section 16: Other Information

This section indicates when the SDS was prepared, when the last known revision was made and other useful information.

Prepared by Perma-Patch, LLC

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