



52700

Super Seal Smooth Patch  
Safety Data Sheet

1 Gal Super Seal  
Smooth Patch™

- Black, Rubberized, Cement-Like Mix
- Asphaltic Adhesive, Self Bonding Formula
- Trowels to a Feather-Edge Finish

SECTION I – PRODUCT AND COMPANY IDENTIFICATION

**PRODUCT NAME:** Super Seal Smooth Patch  
**UPC#** 090832 52700 3 **Item #:** 52700  
**MANUFACTURER NAME:** Pavement Maintenance Inc.  
**ADDRESS:** 701 42<sup>nd</sup> Street Winter Haven, FL 33881  
**EMERGENCY PHONE NUMBER:** (863)-965-8899  
**TRADE NAMES & SYNONYMS:** Asphalt Patch Materials  
**CHEMICAL FAMILY:** ASPHALT  
**Preparation Date:** 05/08/14

Section II – HAZARDS INFORMATION

Emergency Overview: Signal Word: Warning



HCS Pictogram:

**ROUTES OF ENTRY:** Skin, eyes, inhalation, ingestion.

**EFFECTS OF OVEREXPOSURE / ACUTE OVEREXPOSURE:**

**Eyes:** May cause eye irritation which in the absence of recommended first aid may result in severe burns  
**Inhalation:** May cause headache and nausea. Prolonged and repeated inhalation may be harmful to respiratory system.  
**Skin:** May cause irritation of skin or more harmful effects. When not washed off or when accentuated by sunlight, skin contact with the product or the product volatiles may result in burns which may be severe.  
**Ingestion:** May cause nausea, cramps, vomiting, diarrhea or acute effects. May be fatal in large amounts.  
**Unusual Chronic Toxicity:** Prolonged or repeated contact over many years in the absence of good hygiene and personal protection may lead to changes in skin pigmentation and skin tumors.

**THRESHOLD LIMIT VALUE:**

<u>Asphalt/Asfalto</u>	<u>Silica-Crystalline/ Sílice Cristalino</u>	<u>Clay/Arcilla</u>	<u>Water/Agua:</u>
CAS #8052-42-4 Listed in SARA Title III, Section 313: NO OSHA PEL: 10ppm ACGIH TLV: 5 mg/m <sup>3</sup> (volatiles)	CAS #14808-60-7 Listed in SARA Title III, Section: No OSHA PEL: 0.1 mg/m <sup>3</sup> (dust) ACGIH TLV: 0.1 mg/m <sup>3</sup> (dust) STEL: N/A LC50: Human >0.3ppm LD50: N/A STEL: N/A LC50: N/A LD50: N/A	CAS #1332-58-7 Listed in SARA Title III, Section 313: No OSHA PEL: 5 mg/m <sup>3</sup> (dust) ACGIH TLV: 2 mg/m <sup>3</sup> (dust) STEL: N/A LC50: N/A LD50: N/A	CAS #7732-18-5 N/A = Not available or applicable Ingredients total weight % are below 100% only if all others unlisted are not considered hazardous by any federal (OSHA, WHMIS, SARA), any state or province, or local Right-To-Know regulations.

### Section III – COMPOSITION

<u>Component</u>	<u>Asphalt/Asfalto</u>	<u>Silica-Crystalline/ Sílice Cristalino</u>	<u>Clay/Arcilla</u>	<u>Water/Agua</u>
CAS #	8052-42-4	14808-60-7	1332-58-7	7732-18-5
Percentage	40-55%	10-25%	15-20%	25-35%

### Section IV – FIRST-AID MEASURES

#### EMERGENCY AND FIRST AID PROCEDURES:

Prolonged or repeated contact over many years in the absence of good hygiene and personal protection may lead to changes in skin pigmentation and skin tumors.

**Eyes:** Immediately flush with plenty of water for 15 minutes while holding eyelids open; consult a physician.

**Inhalation:** If overcome by mist or vapor, remove from exposure immediately; call a physician. If breathing is stopped or irregular, start resuscitation and administer oxygen.

**Skin:** Remove and contaminated clothing and wash thoroughly with plenty of water and soap.

**Ingestion:** Seek physician immediately, show MSDS or label, and DO NOT induce vomiting even though vomiting may occur. If vomiting occurs, keep head below hips to prevent aspiration of liquid into the lungs.

### Section V – FIRE-FIGHTING MEASURES

**Flammability Classification:** N/R

**Flash Point (method used):** Greater than 210°F. TCC

**Flammable Limits: LEL:** N/A      **UEL:** N/A

**Combustion Products:** Hydrocarbon compounds, CO, and CO<sub>2</sub>.

**Extinguishing Media:** Water, Foam, dry chemical, CO<sub>2</sub>.

**Special Fire Fighting Procedures:** Cool exposed containers to prevent steam pressure buildup. Wear self-contained breathing equipment.

**Unusual Fire and Explosion Hazards:** Closed containers may build up pressure from heat. Dust residues can potentially form explosive mixtures with the air. Use adequate ventilation with cleanup procedures. Burning liquid can float on water and spread further.

**UN/NA/PIN#:** N/A

**NFPA Rating:** Health 1; Fire 1; Reactivity 0

Hazard Scale: 0 = Minimal 1 = Slight 2 = Moderate 3 = Serious 4 = Severe

**Impact Sensitive:** No

**Static Sensitive:** No

**Explosive Power:** N/A

**Burning Rate:** N/A

### Section VI – ACCIDENTAL RELEASE MEASURES

#### SARA TITLE III:

#302: No #304 CERCLA: No #313: No RCRA: No

**Steps to be taken in case material is released or spilled:** Ventilate the area. Wear suitable protective clothing, gloves and eye/face protection. Contain and pick up waste materials. Put in a sealed, approved container. Dispose of in accordance with federal, state and local regulations.

**Reportable Quantity (lbs.):** N/A

**TPO (lb.):** N/A

**Regulations:** WHMIS, SARA, state and province.

**Hazardous Waste:** N/A

## Section VII – HANDLING AND STORAGE

**Handling Procedures:** Wash thoroughly after using/handling. Wash hands before eating. Avoid eye contact.

**Storage Procedures:** Keep from freezing. Keep container/lid closed when not in use. Keep container upright to prevent leakage. Store in a cool, dry ventilated area.

## Section VIII – EXPOSURE CONTROLS/PERSONAL PROTECTION



**Personal protective equipment pictograms:**

**Respiratory Protection:** Use only with adequate ventilation. If ventilation is inadequate, wear approved respiratory equipment.

**Ventilation:** Local Exhaust: Required  
Mechanical (general): Required  
Special: N/A  
Other: N/A

**Protective Gloves:** Rubber gloves

**Eye Protection:** Wear safety glasses, goggles or face shield.

**Other Protective Equipment:** Wear suitable protective clothing.

**Estimated LD50, MG/KG:** N/A

**Estimated LC50, MG/KG:** N/A

**Sensitization:** N/A

**Work/Hygenic Practices:** Keep container closed. Wash hands after use.

## Section IX – PHYSICAL AND CHEMICAL PROPERTIES

**APPEARANCE & ODOR:** Thick black mixture

**BOILING POINT:** 212°F

**VAPOR PRESSURE:** 17mm Hg

**SPECIFIC GRAVITY:** 1.20

**SOLUBILITY IN WATER:** Dispersed in water insoluble when dry.

**EVAPORATION RATE:** N/A

**PH:** 7.5-9.5

**PHYSICAL STATE:** Liquid/paste

**FREEZING POINT:** 32°F

**%VOLATILE (by Wt.):** 60%

**VAPOR DENSITY:** 1

**THRESHOLD ODOR:** N/A

**WATER/OIL DIST. COEFFICIENT:** N/A

**MAX VOC:** Less than 10 g/L

## Section X – STABILITY AND REACTIVITY

**Stability:** Stable

**Conditions to Avoid:** Keep from freezing.

**Incompatibility (materials to avoid):** Strong oxidizing agents.

**Hazardous Decomposition Products:** None.

**Hazardous Polymerization:** Will not occur.

**Conditions to Avoid:** N/A

## Section XI – TOXICOLOGICAL INFORMATION

Component Name	Concentration	CAS	Data
Asphalt/Asfalto	40 - 55 %	8052-42-4	<b>Acute oral toxicity:</b> LD50 rat Dose: 5,001 mg/kg <b>Acute dermal toxicity:</b> LD50 rat Dose: 2,001 mg/kg
Silica-Crystalline/ Sílice Cristalino	10 - 25 %	14808-60-7	<b>Acute oral toxicity:</b> LD50 rat Dose: 1,300 mg/kg <b>Acute dermal toxicity:</b> LD50 rat Dose: no data available

Component: Asphalt/Asfalto (CAS-No.: 8052-42-4):

**NTP:** This component, Asphalt (CAS-No.: 8052-42-4), may contain trace amounts of benzene, a chemical known to cause cancer.

**IARC:** Asphalt (Bitumin) (CAS-No.: 8052-42-4) Group 2B possibly carcinogenic to humans.

**OSHA:** This component, Asphalt (CAS-No.: 8052-42-4), may contain trace amounts of benzene, a chemical known to cause cancer.

**CA Prop 65:** CHEMICAL WARNING (California Health and Safety Code #25249.5 ET SEQ): This product contains chemicals known to the State of California to cause cancer, birth defects or reproductive harm: Asphalt (CAS-No.: 8052-42-4)

Component: Crystalline Silica/Silice Cristalino: (CAS-No.:14808-60-7)

**NTP:** In its Ninth Annual Report on Carcinogens respirable crystalline silica was classified as a known human carcinogen.

**IARC:** According to Volume 68 of the IARC Monographs on the Evaluation of Risks to humans, concluded that there was "sufficient evidence in humans for the carcinogenicity of crystalline silica in the forms of quartz or cristobalite from occupational sources". IARC's evaluation was that "crystalline silica inhaled in the form of quartz or cristablite from occupational sources is carcinogenic to humans (group1) but was noted that carcinogenicity was not detected in all industrial studies.

**OSHA:** Crystalline silica is not regulated as a carcinogen.

Neither the asphalt, nor the crystalline silica present is respirable as this product is supplied.

Please refer to the individual SDS of the components listed in Section III for additional information.

## Section XII – EGOLOGICAL INFORMATION

Ecological Fate: No data available

Persistence/Degradability: No data available

Bioaccumulation Potential: No data available

Mobility in Soil: No data available

Analysis for ecological effects has not been conducted.

### Section XIII – DISPOSAL CONSIDERATIONS

**Waste Disposal Method:** Dispose of in accordance with Local, State, and Federal regulations.

### Section XIV – TRANSPORT INFORMATION

**Transport Information:** Ground: Not restricted. IMDG: Not restricted. IATA: Not restricted.

### Section XV – REGULATORY INFORMATION

Component Name	CAS	State Right to Know		
		MA	NJ	PA
Asphalt/Asfalto	8052-42-4	yes	yes	yes
Clay/Arcilla	1332-58-7	yes	yes	yes
Silica-Crystalline/ Sílice Cristalino	14808-60-7	yes	yes	yes
Water/Agua	7732-18-5	no	no	no

**California Prop 65:**

WARNING! This product contains a chemical known to the State of California to cause cancer: Asphalt (CAS-No: 8052-42-4) and Crystalline Silica (CAS-No: 14808-60-7).

### Section XVI – OTHER INFORMATION

**Special Precautions:**

Keep out of reach of children.  
Always read label plus precautions and follow directions carefully.  
Keep from freezing.  
Do not breathe vapor or spray mist.  
Use only with adequate ventilation.  
Do not take internally.  
Avoid contact with eyes and skin.  
Wash thoroughly after using.  
Additional Technical Data Sheets and/or MSDS are available upon request.

**Revision date:** 05/08/14

**Supersedes:** 04/03/13

**Prepared by:** H. Farr

**Disclaimer/Statement of Liability:**

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