

SAFETY DATA SHEET

CI InstaPatch

Asphalt Filler & Pavement Patch · Product Code: CI-21916

*For Industrial & Institutional Use Only***■ DANGER**

Hazard Statements: May cause an allergic skin reaction. May cause cancer (contains Crystalline Silica — IARC Group 1 carcinogen, and Petroleum Asphalt — IARC Group 2B).

Section 1. Product and Company Identification

Product Name:	CI InstaPatch
Product Code:	CI-21916
Trade Name / Synonyms:	Asphalt Patch Materials
Recommended Use:	Filler and patch for asphalt pavement
Uses Advised Against:	For industrial and institutional use only.

Supplier	Emergency Contact
Chem International 10770 180 St NW Edmonton, AB T5S 2S4 Tel: 1-800-665-7287 cheminternational.com	24-Hour Emergency: 1-800-665-7287

Section 2. Hazards Identification

Hazard Classification	GHS Category
Skin Sensitization	Category 1
Carcinogenicity	Category 1A

Signal Word: **DANGER**

Appearance: Sand/stone mixed with black fluid	Physical State: Solid	Odour: Mild asphaltic
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Prevention: Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Use personal protective equipment as required. Wash face, hands, and any exposed skin thoroughly after handling. Do not eat, drink, or smoke when using this product. Use only outdoors or in a well-ventilated area.

Response: Eyes: If contact occurs, flush thoroughly with water for at least 5 minutes; if irritation persists, see a physician. Skin: If contact occurs, clean thoroughly with soap and water; if irritation persists, see a physician. Ingestion: Do NOT induce vomiting; seek medical attention if symptoms develop. Inhalation: Move to fresh air if symptoms develop; if irritation persists, see a physician.

Storage:	Store locked up in a cool, dry, ventilated area. Avoid freezing. Keep container closed and upright to prevent leakage.
Disposal:	Dispose of contents and container in accordance with local, provincial/state, and federal regulations.
HNOC / Other:	Not applicable. 0% of the mixture consists of ingredient(s) of unknown toxicity.

Section 3. Composition / Information on Ingredients

Chemical Name / Component	CAS No.	% Composition
Asphalt (Petroleum Asphalt)*	8052-42-4	2–15
Proprietary Adhesion Emulsion*	—	0–2
Crystalline Silica*	14808-60-7	0–2

* Exact percentage (concentration) of composition has been withheld as a trade secret.

Section 4. First Aid Measures

General Advice:	Present this safety data sheet to the attending physician.
Eye Contact:	Flush thoroughly with water for at least 5 minutes. If irritation persists, see a physician.
Skin Contact:	Clean exposed area thoroughly with soap and water. If irritation persists, see a physician.
Ingestion:	Do NOT induce vomiting. Seek medical attention if symptoms develop.
Inhalation:	Move to fresh air if symptoms develop. If irritation persists, see a physician.
Most Important Symptoms:	Possibility of mild skin irritation.
Notes to Physician:	Treat symptomatically.

Section 5. Fire-Fighting Measures

Suitable Extinguishing Media:	Water spray, CO ₂ , dry chemical, foam, sand.
Unsuitable Extinguishing Media:	None identified.
Specific Hazards:	Combustion may yield fumes, smoke, carbon monoxide, and carbon dioxide.
Protective Equipment:	Wear full protective clothing including self-contained breathing apparatus (SCBA) in positive pressure / pressure demand mode, helmet, and face mask.

Section 6. Accidental Release Measures

Personal Precautions:	Avoid skin and eye contact. Use proper protective equipment as recommended in Section 8.
Containment and Clean-Up:	Contain spill and gather loose material with a shovel. Place in a closed container for proper disposal. Avoid runoff to waterways and sewers.
Waste Disposal:	Dispose of in accordance with federal, provincial/state, and local regulations.

Section 7. Handling and Storage

Safe Handling:	Store in a dry area. Avoid eye contact and wash thoroughly after handling. Keep out of reach of children. Use only with adequate ventilation. Do not take internally.
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Storage Conditions: Keep container closed and upright to prevent leakage. Store in a cool, dry, ventilated area. Avoid freezing. Keep from sparks and extreme heat.

Section 8. Exposure Controls / Personal Protection

Component	ACGIH TLV	OSHA PEL	NIOSH IDLH
Petroleum Asphalt	0.5 mg/m ³ TWA	—	5 mg/m ³ (REL Ceiling)
Crystalline Silica	0.025 mg/m ³ TWA (respirable dust)	(30)/(%SiO ₂ +2) mg/m ³ TWA total dust; (10)/(%SiO ₂ +2) mg/m ³ TWA resp. fraction	0.05 mg/m ³ TWA (respirable dust)

Control / PPE Type	Requirement
Engineering Controls:	Ensure adequate ventilation.
Eye / Face Protection:	Safety goggles.
Skin Protection:	Chemical-resistant gloves.
Respiratory Protection:	None required if good ventilation is maintained. This product is a coated mixture, which greatly reduces the likelihood of exposure to hazardous particles. Use NIOSH/MSHA-approved respirator if exposure limits are exceeded.
Hygiene:	Wash thoroughly with soap and water before eating or drinking. Wash contaminated clothing before reuse.

Section 9. Physical and Chemical Properties

Appearance:	Sand/stone mixed with black fluid	Upper Explosive Limit:	Not applicable
Physical State:	Solid	Lower Explosive Limit:	Not applicable
Odour:	Mild asphaltic odour	Vapour Pressure:	Not applicable
Odour Threshold:	Not determined	Vapour Density:	Heavier than air
pH:	Not applicable	Specific Gravity:	1.3–1.5
Melting Point:	Not determined	Solubility in Water:	Negligible
Boiling Point:	Not determined	Partition Coefficient:	Not determined
Flash Point:	>215°C / 420°F	Auto-ignition Temp.:	Not determined
Evaporation Rate:	Not determined	Decomposition Temp.:	Not determined
Flammability:	Not applicable	Max VOC:	<0.1% by weight (<10 g/L)

Section 10. Stability and Reactivity

Reactivity: None known under normal conditions.

Chemical Stability: Stable under recommended storage and handling conditions.

Hazardous Reactions: None known under normal conditions.

Conditions to Avoid: Keep from sparks and extreme heat.

Incompatible Materials: Strong oxidizers.

Hazardous Decomposition: Combustion may yield fumes, smoke, carbon monoxide, carbon dioxide, and oxides of nitrogen.

Section 11. Toxicological Information

Routes of Exposure: Skin/eye contact, inhalation, ingestion.

Route	Health Effects
Eye Contact	Minor irritation may result.
Skin Contact	Minor irritation may result. Prolonged or repeated contact may cause mild sensitization.
Inhalation	Minor irritation may result.
Ingestion	May cause nausea, vomiting, and diarrhea. Minor irritation may result.

Component	CAS No.	Acute Oral LD50	Acute Dermal LD50
Petroleum Asphalt	8052-42-4	>5,000 mg/kg (rat)	>2,000 mg/kg (rat)
Crystalline Silica	14808-60-7	>22,500 mg/kg (rat)	No data available

Carcinogenicity

Component	CAS No.	IARC	NTP	OSHA
Petroleum Asphalt	8052-42-4	Group 2B	—	—
Crystalline Silica	14808-60-7	Group 1	Known	—

Sensitization: Prolonged, repeated contact may cause mild sensitization.

Mutagenic Effects: None known.

Reproductive Toxicity: No toxicity known.

STOT – Single Exposure: None known.

STOT – Repeated Exposure: None known.

Chronic Toxicity: No known effect.

Target Organ Effects: Eyes, skin.

Aspiration Hazard: Based on available data, classification criteria are not met.

Section 12. Ecological Information

Analysis for ecological effects has not been conducted. No data available for ecological fate, persistence/degradability, bioaccumulation potential, or mobility in soil. Other adverse effects: no data available.

Section 13. Disposal Considerations

Dispose of in accordance with federal, provincial/state, and local regulations. Do not dump product into sewers or waterways.

Section 14. Transport Information

Regulation	Proper Shipping Name	UN No.	Hazard Class	Pkg Group
DOT (U.S.)	Not regulated	—	—	—

TDG (Canada)	Not restricted	—	—	—
IATA	Not regulated	—	—	—
IMDG	Not regulated	—	—	—

Section 15. Regulatory Information

International Inventories

Inventory	Status
TSCA (U.S.)	Complies
DSL / NDSL (Canada)	Complies

US Federal Regulations

Regulation	Status
SARA 313	No chemicals subject to Annual Release Reporting Requirements under SARA Title III, Section 313.
SARA 311/312 Hazard Categories	Acute health hazard; Chronic health hazard.
Clean Water Act (CWA)	No chemicals regulated under 40 CFR 122.21 / 122.42.
CERCLA (40 CFR 302)	No substances regulated by CERCLA in this product.

State Right-to-Know

Component	CAS No.	MA	NJ	PA
Petroleum Asphalt	8052-42-4	Yes	Yes	Yes
Crystalline Silica	14808-60-7	Yes	Yes	Yes

California Proposition 65 WARNING: This product can expose you to chemicals including Asphalt and Crystalline Silica, which are known to the State of California to cause cancer. For more information, go to www.P65Warnings.ca.gov.

WHMIS (Canada): Non-hazardous.

Section 16. Other Information

Issue Date: February 6, 2018
Revision Date: April 16, 2026
Version: 2
Supersedes: February 6, 2018
Revision Notes: Supplier updated to Chem International. Formatting revised to CI standard.

NFPA Ratings	HMIS® Ratings
Health: 1 Flammability: 1 Instability: 0 Special: None	Health: 1 Flammability: 1 Physical Hazards: 0 PPE: B

Other Precautions: Keep out of reach of children. Always read label and follow directions carefully. Use only with adequate ventilation. Do not take internally. Avoid contact with eyes and skin. Wash thoroughly after using.

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