



SAFETY DATA SHEET

Effective Date: 6/01/2024
Replaces: June 2018

Polypatch

SECTION 1. PRODUCT AND COMPANY IDENTIFICATION	
Product Name: Polypatch	CAS #: Mixture
Product Description: Crushed Rock & Sand Mixed with Petroleum asphalt.	
Synonyms/Common Names: Polypatch	
Manufacturer/Contact Info: Teichert Aggregates PO Box 15002 Sacramento, CA 95851	General Phone Number: (916) 484-3011 (8-5, PST, M-F) Emergency Phone Number: (800) 287-7383

SECTION 2. HAZARDS IDENTIFICATION
EMERGENCY OVERVIEW
Harmful by inhalation, skin and eyes.
OSHA REGULATORY STATUS
This product is considered hazardous under 29 CFR 1910.1200 (Hazard Communication) and 8 CCR § 5194 (Cal/OSHA).
POTENTIAL HEALTH EFFECTS
Routes of Exposure: Inhalation. Ingestion. Skin contact. Eye contact.
Eye Contact: Do not get this material in contact with eyes. Dust may irritate the eyes. Emissions (fumes) may be irritating to eyes.
Skin: Hot, molten material can cause thermal burns. Prolonged or repeated contact can result in defatting and drying of the skin which may result in skin irritation and dermatitis (rash). Do not get this material in contact with skin. Prior skin problems such as dermatitis may be aggravated by exposure.
Inhalation: Dust may irritate respiratory system. Vapors/fumes from hot materials may cause throat or lung irritation and nausea. Inhalation of dusts produced during cutting, grinding or sanding of this product may cause irritation of the respiratory tract. Prior respiratory tract conditions such as bronchitis may be aggravated by exposure.
Ingestion: Not expected to pose significant health hazard but direct contact with hot material can cause thermal burns.
TARGET ORGANS
Eyes. Skin.
CHRONIC EFFECTS
Conjunctiva. Prolonged skin contact may defat the skin and produce dermatitis. Chronic inhalation of fumes or dust may cause irritation or other respiratory conditions (e.g., bronchitis).

GHS label elements



Signal word:
Danger

Hazard Statements:
May cause severe skin burns and eye damage.
May cause an allergic skin reaction.
May cause respiratory irritation.

SECTION 5. FIRE FIGHTING MEASURES

Flammable Properties: Liquid component is combustible.	Flashpoint (method used): Product: NE	Flammable Limits in Air (% volume in air):	
		Not available	LEL: NE UEL: NE
Extinguishing Media: Water fog. Foam. Dry chemical powder. Carbon dioxide (CO ₂). Avoid using a direct stream of water. Water spray should be used to cool containers. Do not let water make direct contact with hot material in a container due to the potential of a violent explosion.			
Protection of Firefighters: Cool containers with flooding quantities of water until well after fire is out. Use of water on asphalt fire in a tank or other container may cause a violent eruption.			
Specific Methods: Containers close to fire should be removed or cooled with water. Adding water to hot asphalt presents an explosion hazard. Never weld or use cutting torch or open flame on or near full or partially full or empty containers as vapors can ignite explosively. Warning: Hydrogen sulfide (H ₂ S) and other gases/vapor may evolve and collect in the head space of storage tanks or other enclosed vessels and create an explosion toxic or oxygen deficient environment.			

SECTION 6. ACCIDENTAL RELEASE MEASURES

Personal Precautions: Do not touch damaged containers or spilled material unless wearing appropriate protective clothing.
Environmental Precautions: Contain spilled material. Do not contaminate water sources or sewer.
Methods for Containment: Prevent entry into waterways, sewers, basements or confined areas.
Methods for Clean Up: Allow molten material to harden before clean up. Sweep up or gather material and place in appropriate container for disposal. Avoid release to the environment. Do not allow material to enter storm or sanitary sewers, groundwater or soil.

SECTION 7. HANDLING AND STORAGE

Handling: Do not get this material in contact with eyes. Do not get this material in contact with skin. Use only with adequate ventilation. Use personal protective equipment. Avoid prolonged exposure. Wash thoroughly after handling. Avoid release to the environment. Handle and open container with care. Do not attempt to clean empty containers. Do not pressurize, cut, weld, braze, solder, drill, grind or expose empty containers to heat, flame, sparks, static electricity, or other sources of ignition; they may explode and cause injury or death. Tripping incidences have occurred because of asphalt buildup on bottoms of shoes and boots; buildup should be removed regularly to prevent such incidences. Do not use solvents or thinners to clean footwear. Further information: If personnel must enter a tank that contained this material, follow OSHA's Confined Space Entry Program as specified in 29 CFR 1910.146 (OSHA) or 8 CCR § 5157 (Cal/OSHA). Respirable crystalline silica-containing dust may be generated when hardened concrete product is subject to mechanical forces such as demolition work, surface treatment (sanding, grooving, chiseling, etc.) and recycling of pavement.
Storage: Store in a well-ventilated place. Keep container tightly closed. Avoid heat, sparks, open flames and other ignition sources. Keep this material away from food, drink and animal feed. Keep out of reach of children. Vapors containing hydrogen sulfide may accumulate during storage or transport of asphaltic materials. When petroleum asphalt products are heated, potentially irritating emissions (fumes, mists, and vapors) may be released.

SECTION 8. EXPOSURE CONTROLS / PERSONAL PROTECTION


Component	OSHA/MSHA Permissible Exposure Limit (PEL)	ACGIH Threshold Limit Value (TLV)	Cal/OSHA Permissible Exposure Limit (PEL)
Particulates (Not otherwise regulated)	15 mg/m ³ (total) 5 mg/m ³ (respirable)	10 mg/m ³ (inhalable) 3 mg/m ³ (respirable)	10 mg/m ³ (total) 5 mg/m ³ (respirable)
Crystalline Silica (Quartz, Cristobalite, Tridymite)	OSHA: 10 mg/m ³ / (%SiO ₂ +2) (respirable particulate containing silica) OSHA PEL for cristobalite and tridymite is ½ of the calculated value for quartz. MSHA: 30 mg/m ³ / (%SiO ₂ +2) (total particulate)	0.025 mg/m ³ (respirable quartz and cristobalite)	0.1 mg/m ³ (respirable quartz) 0.05 mg/m ³ (respirable cristobalite and tridymite)

Quartz [Silica Crystalline] (14808-60-7)	1 Human carcinogen
US ACGIH Threshold Limit Values: A2 carcinogen	
Quartz [Silica Crystalline] (14808-60-7)	Group A2 Suspected human carcinogen
US ACGIH Threshold Limit Values: A4 carcinogen	
Petroleum Asphalt (8052-42-4)	Group A4 Not classifiable as a human carcinogen
US NTP Report on Carcinogens: Known carcinogen	
Quartz [Silica Crystalline] (14808-60-7)	Known carcinogen

SECTION 12. ECOLOGICAL INFORMATION
Environmental Effects: Not available
Other: Not available

SECTION 13. DISPOSAL CONSIDERATIONS
Disposal Instructions: Do not allow this material to drain into sewers/water supplies. This product, in its present state, when discarded or disposed of, is not a hazardous waste according to Federal regulations (40 CFR 261.4 (b)(4)). Under RCRA, it is the responsibility of the user of the product to determine, at the time of disposal, whether the product meets RCRA criteria for hazardous waste.
Waste from Residues / Unused Products: Dispose of waste and residues in accordance with local, state and federal requirements.

SECTION 14. TRANSPORT INFORMATION [NOTE: NOT INTENDED TO BE ALL-INCLUSIVE]	
DOT Proper Shipping Name: Not regulated	DOT Hazard Classification: Not applicable
US/NA Number: Not regulated	DOT Packing Group: Not applicable
Labeling Requirements: Label as required by the OSHA Hazard Communication standard 29CFR 1910.1200(f), MSHA Hazard Communication standard (30 CFR Part 47) and applicable state and local regulations.	

SECTION 15. REGULATORY INFORMATION [NOTE: NOT INTENDED TO BE ALL-INCLUSIVE]	
US Federal Regulations: This product is a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard 29 CFR 1910.1200 (OSHA) and 8 CCR § 5194 (Cal/OSHA).	
Comprehensive Environmental Response, Compensation and Liability Act (CERCLA): None	
Superfund Amendments and Reauthorization Act of 1986 (SARA), Title III:	
Hazardous Categories:	Section 302 Extremely Hazardous Substance:
Immediate Hazard – Yes	No
Delayed Hazard – Yes	
Fire Hazard – No	Section 311 Hazardous Chemical
Pressure Hazard – No	Yes
Reactivity Hazard – No	
California Proposition 65:	
 WARNING: This product can expose you to chemicals including crystalline silica, which are known to the State of California to cause cancer, and petroleum asphalt, which is known to the State of California to cause birth defects or other reproductive harm. For more information, go to www.P65Warnings.ca.gov .	

State Regulatory Lists:

The following materials/components are specifically listed by individual states. For details on regulatory requirements, you should contact the appropriate agency in your state:

US - California Proposition 65 - Carcinogens & Reproductive Toxicity (CRT): Listed substance

Petroleum Asphalt (8052-42-4) Listed

Quartz (silica crystalline) (14808-60-7) Listed

US - California Proposition 65 - CRT: Listed date/Carcinogenic substance

Petroleum Asphalt (8052-42-4) Listed: January 1, 1990 Carcinogenic

Quartz (silica crystalline) (14808-60-7) Listed: October 1, 1988 Carcinogenic

US - Pennsylvania RTK - Hazardous Substances: Listed substance

Petroleum Asphalt (8052-42-4) Listed

Quartz (silica crystalline) (14808-60-7) Listed

Petroleum Distillate (8002-05-9) Listed

US - Pennsylvania RTK - Hazardous Substances: Special hazard

Petroleum Asphalt (8052-42-4) Special hazard

SECTION 16. OTHER INFORMATION**Disclaimer of Liability:**

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