Permanent Asphalt/Concrete Repair Solution
MATERIAL SAFETY DATA SHEET

Section I - Chemical Product and Company Identification

Substance: Permanent Asphalt/Concrete Repair Solutions
Trade Names: AQUA PATCH
Use of Substance: Cold-Mix, permanent repair solution for asphalt and concrete applications
Chemical Family: Aggregates, Asphalt

Revision Issue Date: June 2025

SECTION II - Hazards Identification

Contents: Small amount of flammable liquid
Appearance/odor: Black, solid mineral binder mix with characteristic odor.
Potential Health Effects:
Likely Routes of Exposure: Eye contact, skin contact
Eye: Mild/moderate irritation. Seek medical attention if continues.
Skin: Prolonged exposure may cause moderate skin irritation. May cause drying/fatting of the skin.
Ingestion: Not likely to be toxic, but may cause irritation of mouth, throat and stomach.
Inhalation: Not relevant
Medical Conditions Aggravated By Exposure: May cause more significant skin irritation in people with preexisting skin conditions.

This product does not contain any carcinogens or potential carcinogens as listed by OSHA, IARC or NTP. While this material is not considered hazardous by OSHA Hazard Communication Standard (29 CFR 1910.1200), this MSDS contains valuable information critical to the safe handling and proper use of the product. This MSDS should be retained and available for employees and other users of this product.

Potential Environmental Effects: AQUA PATCH is water activated, environmentally friendly, safe and non-toxic. No hydrocarbon leaching or evaporation.

SECTION III - Composition, Information on Ingredients

Component.	CAS #	% by Wt
Mineral aggregates	various	92 - 94
Binder	proprietary	8 - 6

Hazards Disclosure: This product contains no known hazardous materials as defined by the OSHA Hazard Communication Standard 29 CFR 1910.1200.

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SECTION IV - First Aid Measures

Eye Contact: Rinse opened eye for several minutes under running water. If easy to do, remove contact lenses. Seek medical attention if irritation develops.

Skin Contact: Remove contaminated clothing and wash before reuse. Wash skin with soap and water. Seek medical attention if irritation develops. If product is hot, may cause thermal burns.

Inhalation: If symptomatic, move to fresh air. Get medical attention if symptoms persist.

Ingestion: Keep person warm and quiet and get medical attention. ONLY induce vomiting as directed by medical personnel. Do NOT administer anything by mouth to unconscious person.

SECTION V - Fire Fighting Measures

Suitable Extinguishing Media: Foam, powder, water spray

Unsuitable Extinguishing Media: Water stream

Products of Combustion: CO, CO_2, H_2S

Specific fire fighting methods: No specific methods required

Specific protective devices: Self-contained breathing apparatus

Specific hazards: No specific hazards known.

Specific hazards: Firefighters should wear self-contained breathing apparatus and full fire-fighting turnout gear.

SECTION VI - Accidental Release Measures

Personal precautionary measures: No special measures required

Environmental precautionary measures: Observe usual precautions

Methods for cleaning up: Collect mechanically. Any rags, clothing, paper products or other porous material should be disposed of in fire proof containers.

Other information: Spills of this material do not need to be reported to the National Response Center.

SECTION VII - Handling and Storage

Handling: Use rubber or cotton gloves. DO NOT handle material with bare hands. Keep away from heat, sparks and flame - do not smoke. Do not get in eyes. Do not breathe vapor. Avoid prolonged contact with skin.

Storage: Use listed on the container. Immediate use is recommended after opening container or bag.

Requirements on storage rooms and containers: Store in weather / sun protected area! Keep container well closed, material cures by exposure to air and/or water. Product residue may remain in empty containers. Observe all label precautions until container is cleaned, reconditioned or destroyed.

Information about storage in common storage facility: Not relevant

Further information about storage conditions: Store in weather / sun protected area

Storage class according to VCI: Not relevant

Appropriate application(s): For patching up asphalt and concrete

SECTION VIII - Exposure Controls/Personal Protection

Exposure guidelines: Not established

Engineering measures: No special requirement.

Components with critical values that require inspection at the place of work: The product does not contain any relevant quantities of material with critical values, which have to be monitored at a work place.

Eye/face protection: Required as material contains loose debris.

Skin protection: Wear suitable work gloves, hard hat, and safety shoes.

Respiratory protection: Not required.

General Hygiene Considerations: Wash thoroughly after handling. Have eye-wash facilities immediately available. Do not eat, drink and smoke while working.

SECTION IX - Physical and Chemical Properties

Color: Black

Odor: Little to none

Physical state: mineral - binder - mix

pH - value: not relevant

Freezing point: not relevant

Boiling point: not relevant

Flash point: 199°C

Flammability: not relevant

Upper Flammability Limit: not relevant

Lower Flammability Limit: not relevant

Density at 20°C [g/ cm^3]: 0.905

Solubility in water: Insoluble in water.

Auto-ignition Temperature: Not available, but auto-ignition of the binder may occur if thin film is left on porous materials.

Fire promoting properties [°C]: product is not oxidizing

Danger of explosive [°C]: product is not explosive

SECTION X - Stability and Reactivity

Stability: Stable

Conditions to avoid: Keep away from heat, sparks and flames

Incompatible Materials: not relevant

Possibility of Hazardous Reaction: Auto-Ignition of the binder residue left on porous materials such as rags, paper or clothing.

Hazardous Decomposition Products: not relevant

SECTION XI - Toxicological Information

Acute Effects: The product is classified as not acute toxic.

Chronic Effects: The product is classified as not sub-acute respectively chronically toxic.

Corrosive or irritant effect or sensitization: The product is classified as not irritating or sensitizing.

SECTION XII - Ecological Information

Mobility in Environment: Not relevant

Persistence/Degradability: Not relevant

Bioaccumulation/Accumulation: Not relevant

Further negative effects: There are no negative effects known.

SECTION XIII - Disposal Considerations

Disposal: Dispose of in accordance with federal, state and local regulations.

Packaging: Packaging can be reused or recycled after cleaning. Note local restrictions.

SECTION XIV - Transport Information

US DOT (ground) Proper Shipping Description: This product is not regulated for shipping by US DOT.

Canadian TDG (ground) Proper Shipping Description: See Relevant Authority

ICAO (air) Proper Shipping Description: See Relevant Authority

IMDG (water) Proper Shipping Description: See Relevant Authority

ADR/RID Proper Shipping Description: See Relevant Authority

ADN/ADNR Proper Shipping Description: See Relevant Authority

SECTION XV - Regulatory Information

OSHA Process Safety (29CFR1910.119): Not regulated.

Inventory Status United States (TSCA): All ingredients are on the inventory or exempt from listing.

SECTION XVI - Other Information

NFPA 704: National Fire Protection Association.

Health – 0 Fire – 0 Reactivity – 1

0 = minimal hazard, 1 = slight hazard, 2 = moderate hazard, 3 = severe hazard, 4 = extreme hazard

The above MSDS complies with OSHA hazard communication standard 29 CFR 1910.1200.

To the best of our belief, information and knowledge, we believe the information contained in this MSDS to be accurate and reliable as of the date of this Material Safety Data Sheet. The above information is based on information received from raw material suppliers and other sources and references the product as currently formulated. We make no expressed or implied warranty regarding the accuracy or reliability of the data or results obtained from the use of the product and assume no responsibility or liability for personal injury or property damage incurred by the use of these materials due to the fact that the conditions of handling, use, and storage of these materials are beyond our control. Any and all materials should be used with caution and may present unknown hazards. The information and recommendations in this material safety data sheet are offered for the users' consideration and examination. It is each user's responsibility to determine if the information and data contained herein is suitable and to comply with all applicable international, federal, state and local laws and regulations.

Date Prepared: June 2025

Prepared By:

JALUX Inc.
Shinagawa Season Terrace
1-2-70 Konan, Minato-ku, Tokyo 108-8209