

All Season Cold Mix Patching Material

1. Identification

Product Name / Product Identifier	All Season Cold Mix Patching Material
Other Means of Identification:	ASPPM Cold Patch All Season Polymer Modified Cold Mix Cold Patch
Recommended use:	Cold Mix Patching material for making road patches and filling holes. Material can be stockpiled for extended periods.
Recommended restrictions:	None known
Manufacturer / Contact Info:	HAC Materials, Ltd. 6367 Hopkins Road Corpus Christi, Texas 78409 (361) 289-6062 or (361) 853-2535
Emergency Phone Number (24 hours)	Chemtrec (800) 424-9300 Customer no. 1001111

2. Hazards Identification

OSHA/HCS Status: Eye Irritation 2, Minor skin sensitivity

Physical Hazards EYE IRRITATION Category 2

HAZARD PICTOGRAM:



SIGNAL WORD:

WARNING

HAZARD STATEMENTS: May cause allergic skin reaction.
Wear protective gloves when handling material by hand.
Wash hands and exposed skin after use and before eating.

If used as designed no silica exposure exists. Material can produce silica if milled or broken.

Precautionary Statement:

Prevention:

Obtain special instructions before use. Do not handle until all safety precautions have been read and understood.

Do not breath dust, fumes or vapors. Use only outdoors and in well ventilated areas.

Wash hands thoroughly after handling.

Do not eat, drink or smoke when using this product.

Use proper PPE as directed, such as gloves, safety glasses, protective clothing for the type of exposure.

Response:

IF SWALLOWED: RINSE MOUTH - DO NOT INDUCE VOMITING.

If on skin, remove immediately, rinse with water for several minutes. If irritation occurs, get medical help.

IF IN EYES: Rinse with water for several minutes. Seek medical attention if needed.

Storage:

Store in well ventilated area.

Disposal:

Dispose of contents/container in accordance with all local, regional, national, and international regulations.

3. Composition / information on ingredients

Ingredient Name	% of material	CAS Number
Aggregate crushed limestone	55 %	Varies / Mixture Natural Rock
Asphalt Cement Liquid PG64-22	1.2 %	8052-42-4
Manufactured Sand Limestone	35%	Varies / Mixture Natural Rock
Manufactured Sand (hotmix type)	10%	Varies / Mixture Natural Rock
ASPPM Blend Oil	4.1%	8052-42-4

NOTE: % of materials may varie to meet TxDOT Specification

4. First Aid Measures

INHALATION:

Not a normal hazard. Move person to fresh air if breathing becomes difficult.

EYE CONTACT:

Flush eyes with clean water for 15 minutes. Hold eyelids open for complete flush. Not a normal Hazard.

SKIN:

Wash skin with soap and water. If irritation continues seek medical attention. Not a normal hazard.

INGESTION:

If swallowed, do not induce vomiting. Do not give anything by mouth seek medical advice.

MOST IMPORTANT SYMPTOMS, ACUTE and DELAYED:

Could cause skin irritation if allergic to asphalt products.

5. Fire Fighting Measures

Suitable extinguishing media:	Non Flammable. Use fire-extinguishing media appropriate for surrounding materials. Water Fog to cool.
Unsuitable extinguishing media:	Avoid straight water stream. No other known.
Specific hazards arising from chemical:	No unusual fire hazards.
High temp decomposition of product:	Can create hydrogen sulfide. Avoid breathing possible fumes. Use SCBA full face protective equipment.
Special Instructions:	If materials were heated to cause gas release the fumes are toxic.

6. Accidental release measures

PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT AND EMERGENCY PROCEDURES:

No special precautions required when used cold as designed.

METHODS AND MATERIALS FOR CONTAINMENT, CLEAN UP AND ENVIRONMENTAL CONCERNS:

Materials can be handled as you would any gravel or sand. Materials can be shoveled or scooped with front end loading equipment.

7. Handling and Storage

PRECAUTIONS:

Use typical eye and skin PPE. Ensure everyone involved reads the SDS for hazard protection. This product is designed to be used outdoors in open areas where risk of confined spaces do not exist. If sawing, grinding or crushing use caution to avoid breathing silica dust that can be created. Wet cutting and crushing is suggested.

Do not use open flames, welding equipment or cutting equipment near the product. This material can catch fire because of the asphalt residue if near high temperatures. Not normal condition.

Storage may be in stockpiles exposed to weather.

8. Exposure controls / personal protection

Crystalline Silica Particulate	PEL OSHA %	0.025 mg/m ³
Asphalt fume	TLV (ACGIH)	0.5 mg/m ³

If used outdoors under typical conditions and as designed for roadway patching, no exposure is expected

If crushing, grinding, or changing the state of the material to create a dust, use precautions for silica dust.

Exposure Guidelines:

This material should only be used in well ventilated areas.

When crushing, sawing, drilling or milling this material, the workers should use water to control the dust caused by these operations. This dust will contain silica. Exposure to this silica dust should be carefully monitored to ensure compliance with OSHA regulations on exposure. This is not a normal condition.

Engineering Controls:

Ventilation should be maintained at all times.

Eye Protection:

When handling this material safety glasses should be worn.

Skin Protection:

Gloves to protect from allergic reaction should be worn if necessary. Not a typical hazard.

Respiratory Protection:

When using this material outside in typical conditions, protection should not be required.

9. Physical and Chemical Properties

Appearance:	Black, Dark Brown Granular.
Odor:	Petroleum - Asphalt/Bitumen Smell.
Melting Point:	>700F
Boiling Point:	<840F
Flash Point:	>450F
Vapor Density:	>1.5 (air = 1)
Auto Ignition Temp:	Not Applicable
Specific Gravity	2.0 - 2.7
Evaporation Rate:	Not Applicable
Vapor Pressure:	Not Applicable
PH:	Not Applicable
Viscosity:	Not Applicable
Solubility in water:	Not Applicable
Decomposition Temperature:	Not Applicable
Flammability Solid:	Not Applicable
Odor Threshold:	Not Applicable

10. Stability and Reactivity

- Reactivity: Product is stable and non-reactive during normal use.
- Chemical Stability: Product is stable and non-reactive during normal use.
- Possibility of Hazardous reactions: Under normal use, no known reactions or conditions exist.
- Conditions to avoid: Avoid strong oxidizers
- Incompatible Materials. Strong oxidizers may react with hydrocarbons.
- Hazardous Decomposition: Thermal decomposition may release carbon monoxide, carbon monoxide, carbon dioxide, hydrogen sulfide, nitrogen dioxide, ozone and other organic and inorganic compounds. Never under typical use.

11. Toxicological Information

Irritation Corrosion

Skin: Mild reaction if allergic to hydrocarbons - asphalts.

Eyes: Abrasive irritant through direct contact.

Inhalation: Silica dust can cause cancer and other hazards to the body. OSHA Silica precautions should be taken when cutting, grinding or milling.

Ingestion: Not likely to occur because of the product form.

Aspiration Hazard: If ingested could cause an aspiration hazard.

Reproductive Toxicity: Not known to cause a hazard.

Carcinogenicity: Silica dust is a known human carcinogen and is classified by ACGIH as a suspected human carcinogen. No or very limited exposure when used as designed.

12. Ecological Information

Ecotoxicity: Discharging of this material in its production state is not expected to harm aquatic organisms.

Persistence and degradability: Not Applicable

Bioaccumulative Potential: Not Applicable

Mobility in soils: Not Applicable

Other adverse effects: No other adverse effects are anticipated.

13. Disposal Considerations

- Disposal Methods: Disposal should be in accordance with local, state or national legislation. Consult an accredited waste disposal contractor or local authority for advice.
- Hazardous waste: this product is not a reportable hazardous waste.
- Contaminated packaging: Not applicable.

14. Transportation Information

UN Number:	Not regulated.
UN Proper Shipping Name:	Not regulated.
transport hazard class:	Not applicable.
Packaging group:	Not applicable.
Marine Pollutant:	Not applicable.
Additional information:	Product is shipped at ambient temperature.

15. Regulatory Information

U.S.Federal regulations:

OSHA Hazard Communications Standard:	NA.
TSCA Section 12(b) Export Notification:	Not regulated.
RCRA Hazardous Waste List:	Not regulated..
Clean Air Section, Hazardous Air Pollutants:	Not regulated.
Clean Air Act Section 112 Accidental Release:	Not regulated

16. Other information

HAC Materials, Ltd. and its affiliates believe the information contained herein is accurate; however we make no guarantee with respect to such accuracy and assumes no liability whatsoever in connection with the use of any information contained herein by any party. The information should not be used as advise for compliance with federal, state, or local laws. All users of this material should research all laws regarding the specific use of this material for their specific situation.

Date of issue: September 29, 2022

Gary Trayler CSHO/SP

HAC Materials, Ltd.
P.O. Box 7692
Corpus Christi, Texas 78467