

SECTION 1: Identification

1.1. Identification

Product form : Mixture
Product name : KOLD-FLO® Pourable Crack Filler

1.2. Relevant identified uses of the substance or mixture and uses advised against

Use of the substance/mixture : Crack Filler

1.3. Details of the supplier of the safety data sheet

Unique Paving Material Corp.
3993 East 93rd Street
Cleveland, 44105 - United States of America
T (216) 441-4880
<http://www.uniquepavingmaterials.com/>

1.4. Emergency telephone number

Emergency number : (800) 424-9300

SECTION 2: Hazard(s) identification

2.1. Classification of the substance or mixture

GHS US classification
Eye Irrit. 2B Causes eye irritation
Carc. 1A May cause cancer

2.2. Label elements

GHS US labeling

Hazard pictograms (GHS US) :



GHS08

Signal word (GHS US) : Danger
Hazard statements (GHS US) : Causes eye irritation
May cause cancer

Precautionary statements (GHS US)
Prevention

: Obtain special instructions before use.
Do not handle until all safety precautions have been read and understood.
Keep away from ignition sources. - No smoking.
Wash hands thoroughly after handling.
Wear personal protective equipment.
Response : If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing
If exposed or concerned: Get medical advice/attention.
If eye irritation persists: Get medical advice/attention.
In case of fire: Use water to extinguish.
Storage : Store in a well-ventilated place. Keep cool.
Store locked up.
Disposal : Dispose of contents/container to meet all regulations

2.3. Other hazards

No additional information available

2.4. Unknown acute toxicity (GHS US)

12.75% of the mixture consists of ingredient(s) of unknown acute toxicity (Oral)
12.75% of the mixture consists of ingredient(s) of unknown acute toxicity (Dermal)

SECTION 3: Composition/Information on ingredients

3.1. Substances

Not applicable

3.2. Mixtures

Name	Product identifier	%	GHS US classification
Asphalt	(CAS-No.) 8052-42-4	<= 46.75	Carc. 2, H351
Quartz	(CAS-No.) 14808-60-7	<= 0.115	Acute Tox. 4 (Oral), H302 Carc. 1A, H350

SECTION 4: First aid measures

4.1. Description of first aid measures

- First-aid measures general : Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label where possible).
- First-aid measures after inhalation : Allow victim to breathe fresh air. Allow the victim to rest.
- First-aid measures after skin contact : Remove affected clothing and wash all exposed skin area with mild soap and water, followed by warm water rinse.
- First-aid measures after eye contact : IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
- First-aid measures after ingestion : Rinse mouth. Do NOT induce vomiting. Obtain emergency medical attention.

4.2. Most important symptoms and effects, both acute and delayed

- Symptoms/effects after inhalation : Inhalation may cause irritation (cough, short breathing, and difficulty in breathing).
- Symptoms/effects after skin contact : Prolonged or repeated contact may cause skin to become dry. May cause moderate irritation.
- Symptoms/effects after eye contact : Causes eye irritation. redness, itching, tears.

4.3. Indication of any immediate medical attention and special treatment needed

Treat symptomatically.

SECTION 5: Firefighting measures

5.1. Extinguishing media

- Suitable extinguishing media : Foam. Dry powder. Carbon dioxide. Water spray. Sand.
- Unsuitable extinguishing media : Do not use a heavy water stream.

5.2. Special hazards arising from the substance or mixture

- Reactivity : Stable under normal conditions.

5.3. Advice for firefighters

- Firefighting instructions : Use water spray or fog for cooling exposed containers. Exercise caution when fighting any chemical fire. Prevent fire-fighting water from entering environment.
- Protection during firefighting : Do not enter fire area without proper protective equipment, including respiratory protection.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

- General measures : Remove ignition sources. Stop leak if safe to do so. Stable under normal conditions.

6.1.1. For non-emergency personnel

- Emergency procedures : Evacuate unnecessary personnel.

6.1.2. For emergency responders

- | | |
|----------------------|--|
| Protective equipment | : Equip cleanup crew with proper protection. |
| Emergency procedures | : Ventilate area. |

6.2. Environmental precautions

Prevent entry to sewers and public waters. Notify authorities if liquid enters sewers or public waters.

6.3. Methods and material for containment and cleaning up

- | | |
|-------------------------|--|
| For containment | : Stop leak, if possible without risk. |
| Methods for cleaning up | : Soak up spills with inert solids, such as clay or diatomaceous earth as soon as possible. Collect spillage. Store away from other materials. |

6.4. Reference to other sections

See Heading 8. Exposure controls and personal protection.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

- | | |
|-------------------------------|---|
| Precautions for safe handling | : Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Provide good ventilation in process area to prevent formation of vapor. No open flames. No smoking. Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. |
| Hygiene measures | : Always wash hands after handling the product. Do not eat, drink or smoke when using this product. Use good housekeeping practices during storage, transfer and handling. Contaminated work clothing should not be allowed out of the workplace. Wash contaminated clothing before reuse. |

7.2. Conditions for safe storage, including any incompatibilities

- | | |
|------------------------|---|
| Storage conditions | : Keep only in the original container in a cool, well ventilated place away from: children. Keep container closed when not in use. Keep in fireproof place. |
| Incompatible products | : Strong bases. Strong acids. |
| Incompatible materials | : Sources of ignition. Direct sunlight. |
| Storage area | : Store in a well-ventilated place. Store away from heat. |

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

No additional information available

8.2. Exposure controls

- | | |
|-----------------------------------|---|
| Appropriate engineering controls | : Ensure good ventilation of the work station. General industrial hygiene practice. |
| Personal protective equipment | : Avoid all unnecessary exposure. |
| Materials for protective clothing | : Footwear (shoes, boots). Impervious clothing. |
| Hand protection | : Wear protective gloves. |
| Eye protection | : Chemical goggles or safety glasses. |
| Respiratory protection | : In case of insufficient ventilation, wear suitable respiratory equipment. |
| Environmental exposure controls | : Avoid release to the environment. |
| Other information | : Do not eat, drink or smoke during use. |

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state	: Liquid
Color	: Brown
Odor	: Asphalt
Odor threshold	: No data available
pH	: 8 – 9
Melting point	: No data available
Freezing point	: 0°C / 32°F
Boiling point	: 100°C / 212°F
Flash point	: Not applicable – water-based
Relative evaporation rate (butyl acetate=1)	: No data available
Oxidizing properties	: No data available
Vapor pressure	: No data available
Relative density	: 1.042
Relative vapor density at 20 °C	: No data available
Solubility	: Soluble in water
Log Pow	: No data available
Viscosity	: 1000 – 1500 cP
Viscosity, kinematic	: No data available
Viscosity, dynamic	: No data available

9.2. Other information

No additional information available

SECTION 10: Stability and reactivity

10.1. Reactivity

No additional information available.

10.2. Chemical stability

Not established.

10.3. Possibility of hazardous reactions

Not established.

10.4. Conditions to avoid

Direct sunlight. Extremely high or low temperatures.

10.5. Incompatible materials

Strong acids. Strong bases.

10.6. Hazardous decomposition products

Hazardous fumes. Carbon monoxide. Carbon dioxide. May release flammable gases.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity : Not classified

Asphalt (8052-42-4)	
LD50 oral rat	> 5000 mg/kg
LD50 dermal rabbit	> 2000 mg/kg

Quartz (14808-60-7)	
ATE US (oral)	500 mg/kg body weight

Skin corrosion/irritation : Not classified.
 Serious eye damage/irritation : Causes eye irritation.
 Respiratory or skin sensitization : Not classified
 Germ cell mutagenicity : Not classified
 Carcinogenicity : May cause cancer.

Asphalt (8052-42-4)	
IARC group	2B - Possibly carcinogenic to humans
In OSHA Hazard Communication Carcinogen list	Yes

Quartz (14808-60-7)	
IARC group	1 - Carcinogenic to humans
National Toxicology Program (NTP) Status	2 - Known Human Carcinogens
In OSHA Hazard Communication Carcinogen list	Yes

Reproductive toxicity : Not classified
 Specific target organ toxicity – single exposure : Not classified

Specific target organ toxicity – repeated exposure : Not classified

Aspiration hazard : Not classified

Potential Adverse human health effects and symptoms : Based on available data, the classification criteria are not met.

Symptoms/effects after inhalation : Inhalation may cause irritation (cough, short breathing, and difficulty in breathing).
 Symptoms/effects after skin contact : Prolonged or repeated contact may cause skin to become dry. May cause moderate irritation.

Symptoms/effects after eye contact : Causes eye irritation. redness, itching, tears.

SECTION 12: Ecological information

12.1. Toxicity

No additional information available

12.2. Persistence and degradability

KOLD-FLO® Crack Filler	
Persistence and degradability	Not established.

Asphalt (8052-42-4)	
Persistence and degradability	Not established.

Quartz (14808-60-7)	
Persistence and degradability	Not established.

12.3. Bioaccumulative potential

KOLD-FLO® Crack Filler	
Bioaccumulative potential	Not established.

Asphalt (8052-42-4)	
BCF fish 1	(no bioaccumulation expected)
Log Pow	> 6
Bioaccumulative potential	Not established.

Quartz (14808-60-7)	
Bioaccumulative potential	Not established.

12.4. Mobility in soil

No additional information available

12.5. Other adverse effects

Effect on the global warming : No known effects from this product.

Other information : Avoid release to the environment.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Product/Packaging disposal recommendations : Dispose in a safe manner in accordance with local/national regulations. Dispose of contents/container to meet all regulations.
 Additional information : Handle empty containers with care because residual vapors are flammable.
 Ecology - waste materials : Avoid release to the environment.

SECTION 14: Transport information

Department of Transportation (DOT)

In accordance with DOT

Not regulated

Transportation of Dangerous Goods

Not regulated

Transport by sea

Not regulated

Air transport

Not regulated

SECTION 15: Regulatory information

15.1. US Federal regulations

Asphalt (8052-42-4)

Listed on the United States TSCA (Toxic Substances Control Act) inventory

Quartz (14808-60-7)

Listed on the United States TSCA (Toxic Substances Control Act) inventory

15.2. International regulations

CANADA

Asphalt (8052-42-4)

Listed on the Canadian DSL (Domestic Substances List)

Quartz (14808-60-7)

Listed on the Canadian DSL (Domestic Substances List)

WHMIS Classification

Class D Division 2 Subdivision A - Very toxic material causing other toxic effects

EU-Regulations

No additional information available

National regulations

Asphalt (8052-42-4)

Listed on the AICS (Australian Inventory of Chemical Substances)
 Listed on IECSC (Inventory of Existing Chemical Substances Produced or Imported in China)
 Listed on the Japanese ENCS (Existing & New Chemical Substances) inventory
 Listed on the Japanese ISHL (Industrial Safety and Health Law)
 Listed on the Korean ECL (Existing Chemicals List)
 Listed on NZIoC (New Zealand Inventory of Chemicals)
 Listed on PICCS (Philippines Inventory of Chemicals and Chemical Substances)
 Listed on INSQ (Mexican National Inventory of Chemical Substances)
 Listed on CICR (Turkish Inventory and Control of Chemicals)
 Listed on the TCSI (Taiwan Chemical Substance Inventory)

Quartz (14808-60-7)

Listed on IARC (International Agency for Research on Cancer)
 Listed on the AICS (Australian Inventory of Chemical Substances)
 Listed on IECSC (Inventory of Existing Chemical Substances Produced or Imported in China)
 Listed on the Japanese ENCS (Existing & New Chemical Substances) inventory
 Listed on the Japanese ISHL (Industrial Safety and Health Law)
 Listed on the Korean ECL (Existing Chemicals List)
 Listed on NZIoC (New Zealand Inventory of Chemicals)
 Listed on PICCS (Philippines Inventory of Chemicals and Chemical Substances)
 Listed as carcinogen on NTP (National Toxicology Program)
 Listed on the Canadian IDL (Ingredient Disclosure List)
 Listed on INSQ (Mexican National Inventory of Chemical Substances)
 Listed on CICR (Turkish Inventory and Control of Chemicals)
 Listed on the TCSI (Taiwan Chemical Substance Inventory)

15.3. US State regulations

Asphalt (8052-42-4)

U.S. - Massachusetts - Right To Know List
 U.S. - New Jersey - Right to Know Hazardous Substance List
 U.S. - Pennsylvania - RTK (Right to Know) List

Quartz (14808-60-7)

U.S. - Massachusetts - Right To Know List
 U.S. - New Jersey - Right to Know Hazardous Substance List
 U.S. - Pennsylvania - RTK (Right to Know) List

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product

“Providing valuable products from valuable people to valuable customers.”

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