

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Product name : KOLD-FLO® Pourable Crack Filler
 KOLD-FLO® Plus Pourable Crack Filler

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

1.3. Details of the supplier of the safety data sheet

UNIQUE Paving Material Corp.
 3993 East 93rd Street
 Cleveland, 44106 - United States of America
 T (216) 341-7711
<http://www.uniquepavingmaterials.com/>

1.4. Emergency telephone number

Emergency number : (800) 424-9300

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification (GHS-US)

2.1. Classification of the substance or mixture

Skin Irrit. 2 H315
 Eye Irrit. 2A H319
 Carc. 1B H350

Full text of H-phrases: see section 16

2.2. Label elements

GHS-US labeling

Hazard pictograms (GHS-US) :



Signal word (GHS-US) :

Danger

Hazard statements (GHS-US) :

H315 - Causes skin irritation
 H319 - Causes serious eye irritation
 H350 - May cause cancer

Precautionary statements (GHS-US) :

P201 - Obtain special instructions before use
 P202 - Do not handle until all safety precautions have been read and understood
 P264 - Wash hands thoroughly after handling
 P280 - Wear personal protective equipment
 P302+P352 - If on skin: Wash with plenty of water
 P305+P351+P338 - If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing
 P308+P313 - If exposed or concerned: Get medical advice/attention
 P321 - Specific treatment (see first aid measures on this label)
 P332+P313 - If skin irritation occurs: Get medical advice/attention
 P337+P313 - If eye irritation persists: Get medical advice/attention
 P362+P364 - Take off contaminated clothing and wash it before reuse
 P405 - Store locked up
 P501 - Dispose of contents/container to meet all regulations

2.3. Other hazards

No additional information available.

2.4. Unknown acute toxicity (GHS US)

10 percent of the mixture consists of ingredient(s) of unknown acute toxicity (Oral)
 15 percent of the mixture consists of ingredient(s) of unknown acute toxicity (Dermal)
 5 percent of the mixture consists of ingredient(s) of unknown acute toxicity (Inhalation (Dust/Mist))

SECTION 3: Composition/information on ingredients

3.1. Substance

Not applicable

3.2. Mixture

Name	Product identifier	%	Classification (GHS-US)
Petroleum Asphalt Base	(CAS No) 8052-42-4	44.775 - 54.945	Carc. 1B, H350
Filler Clay	(CAS No) Trade Secret	13 - 20	Skin Irrit. 2, H315 Eye Irrit. 2A, H319
POTASSIUM HYDROXIDE	(CAS No) 1310-58-3	<= 0 .08	Acute Tox. 4 (Oral), H302 Skin Corr. 1A, H314

Full text of H-phrases: see section 16

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 : Give oxygen or artificial respiration if necessary. Call a doctor. Remove victim to fresh air and keep at rest in a position comfortable for breathing. Immediately call a poison center or doctor/physician.
- First-aid measures after skin contact : Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower. Immediately call a poison center or doctor/physician.
- First-aid measures after eye contact : Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a poison center or doctor/physician.
- First-aid measures after ingestion : MAY BE FATAL IF SWALLOWED. Swallowing the liquid may cause aspiration into the lungs with the risk of chemical pneumonitis. Rinse mouth. Do NOT induce vomiting. Immediately call a poison center or doctor/physician.

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

- Symptoms/injuries : Causes severe skin burns and eye damage.
- Symptoms/injuries after inhalation : Inhaling this product can result in respiratory tract irritation, leading to mild to severe irritation of the nose, throat and lungs. Shortness of breath.
- Symptoms/injuries after ingestion : Vomiting: prevent asphyxia/aspiration pneumonia.

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

No additional information available

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. Corrosive vapors.

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.
- Special protective equipment for fire fighters : Full face piece respirator.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

- General measures : Never use a welding or cutting torch on or near drums of this material (even empty drums) because the material can ignite explosively.

6.1.1. For non-emergency personnel

- Protective equipment : Wear personal protective equipment.
- 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 : Contain any spills with dikes or absorbents to prevent migration and entry into sewers or streams.
 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 vapour. Do not breathe fumes. Avoid contact during pregnancy/while nursing. Obtain special instructions before use. Do not handle until all safety precautions have been read and understood.
 Hygiene measures : Wash hands thoroughly after handling.

7.2. Conditions for safe storage, including any incompatibilities

Technical measures : Do not store these material for more than six months before using. Empty containers may contain enough residue to emit vapours or to be combustible. Dispose of used containers according to local, state and federal requirements. Protect from freezing. Comply with applicable regulations.
 Storage conditions : Keep only in the original container in a cool, well ventilated place away from: Keep container closed when not in use.
 Incompatible products : Strong bases. Strong acids.
 Incompatible materials : Sources of ignition. Direct sunlight.

7.3. Specific end use(s)

No additional information available

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

KOLD-FLO[®] Pourable Crack Filler		
ACGIH	Not applicable	
OSHA	Not applicable	

Petroleum Asphalt Base (8052-42-4)		
ACGIH	ACGIH TWA (mg/m ³)	5
OSHA	OSHA PEL (Ceiling) (ppm)	5 ppm as fumes

Filler Clay (Trade Secret)		
ACGIH	Not applicable	
OSHA	Remark (OSHA)	15 mg/m ³ total dust, 5mg/m ³ Respirable Dust

POTASSIUM HYDROXIDE (1310-58-3)		
ACGIH	Not applicable	
OSHA	Not applicable	

8.2. Exposure controls

Personal protective equipment : Avoid all unnecessary exposure.
 Hand protection : Wear protective gloves.

Eye protection	: Chemical goggles or face shield.
Skin and body protection	: Provide readily accessible eye wash stations and safety showers. Wear suitable protective clothing.
Respiratory protection	: Wear appropriate mask.
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
Appearance	: Dark, Viscous Liquid.
Color	: Black;brown;Dark;Gray
Odor	: Tar, Petroleum
Odor threshold	: No data available
pH	: 11.3 - 11.8
VOC, grams/liter	: 0
Relative evaporation rate (butyl acetate=1)	: No data available
Melting point	: No data available
Freezing point	: No data available
Boiling point	: 212 °F
Flash point	: > 300 °F Cleveland Tag Open Cup Method
Auto-ignition temperature	: No data available
Decomposition temperature	: No data available
Flammability (solid, gas)	: No data available
Vapor pressure	: No data available
Relative vapor density at 20 °C	: No data available
Relative density	: No data available
Solubility	: Water: Solubility in water of component(s) of the mixture : •: 0.4 % •: •POTASSIUM HYDROXIDE:
Log Pow	: No data available
Log Kow	: No data available
Viscosity, kinematic	: No data available
Viscosity, dynamic	: No data available
Explosive properties	: No data available
Oxidizing properties	: No data available
Explosive limits	: No data available

9.2. Other information

No additional information available

SECTION 10: Stability and reactivity

10.1. Reactivity

Stable under normal conditions. Corrosive vapors.

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

Avoid contact with strong acids, oxidizing agents and petroleum solvents and soaps to preserve the quality of this material. Strong acids. Strong bases.

10.6. Hazardous decomposition products

fume. Carbon monoxide. Carbon dioxide. Thermal decomposition generates: Corrosive vapors.

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SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity : Not classified

Petroleum Asphalt Base (8052-42-4)	
LD50 oral rat	> 5000 mg/kg
LD50 dermal rabbit	> 2000 mg/kg
LC50 inhalation rat (mg/l)	> 94.4 ml/m ³

Filler Clay (Trade Secret)	
LD50 oral rat	> 5000 mg/kg
LD50 dermal rat	> 5000 mg/kg

POTASSIUM HYDROXIDE (1310-58-3)	
LD50 oral rat	1.23 g/kg
ATE US (oral)	1230.000 mg/kg body weight

Skin corrosion/irritation : Causes skin irritation.

pH: 11.3 - 11.8

Serious eye damage/irritation : Causes serious eye irritation.

pH: 11.3 - 11.8

Respiratory or skin sensitization : Not classified

Germ cell mutagenicity : Not classified

Carcinogenicity : May cause cancer.

Petroleum Asphalt Base (8052-42-4)	
IARC group	2A - Probably carcinogenic to humans, 2B - Possibly carcinogenic to humans

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/injuries after inhalation : Inhaling this product can result in respiratory tract irritation, leading to mild to severe irritation of the nose, throat and lungs. Shortness of breath.

Symptoms/injuries after ingestion : Vomiting: prevent asphyxia/aspiration pneumonia.

SECTION 12: Ecological information

12.1. Toxicity

No additional information available

12.2. Persistence and degradability

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

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

POTASSIUM HYDROXIDE (1310-58-3)	
Persistence and degradability	Not established.

12.3. Bioaccumulative potential

KOLD-FLO[®] Pourable Crack Filler	
Bioaccumulative potential	Not established.
Petroleum Asphalt Base (8052-42-4)	
Bioaccumulative potential	Not established.
POTASSIUM HYDROXIDE (1310-58-3)	
Bioaccumulative potential	Not established.

12.4. Mobility in soil

No additional information available

12.5. Other adverse effects

Effect on ozone layer :
 Effect on the global warming : No known ecological damage caused by this product.
 Other information : Avoid release to the environment.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Waste disposal recommendations : Dispose in a safe manner in accordance with local/national regulations. Dispose of contents/container to ...
 Ecology - waste materials : Avoid release to the environment.

SECTION 14: Transport information

In accordance with DOT
 Not Evaluated

Additional information

Other information : No supplementary information available.

ADR

No additional information available

Transport by sea

No additional information available

Air transport

No additional information available

SECTION 15: Regulatory information

15.1. US Federal regulations

Petroleum Asphalt Base (8052-42-4)	
Listed on the United States TSCA (Toxic Substances Control Act) inventory	
POTASSIUM HYDROXIDE (1310-58-3)	
Listed on the United States TSCA (Toxic Substances Control Act) inventory Not listed on the United States SARA Section 313	
RQ (Reportable quantity, section 304 of EPA's List of Lists)	1000 lb

15.2. International regulations

CANADA

No additional information available

EU-Regulations

No additional information available

Classification according to Regulation (EC) No. 1272/2008 [CLP]

Classification according to Directive 67/548/EEC [DSD] or 1999/45/EC [DPD]

Not classified

15.2.2. National regulations

15.3. US State regulations

Petroleum Asphalt Base (8052-42-4)
U.S. - New Jersey - Right to Know Hazardous Substance List

POTASSIUM HYDROXIDE (1310-58-3)
U.S. - New Jersey - Right to Know Hazardous Substance List
U.S. - Pennsylvania - RTK (Right to Know) List

SECTION 16: Other information

Other information : None.

Full text of H-phrases:

----- Acute Tox. 4 (Oral)	Acute toxicity (oral) Category 4
----- Carc. 1B	Carcinogenicity Category 1B
----- Eye Irrit. 2A	Serious eye damage/eye irritation Category 2A
----- Skin Corr. 1A	Skin corrosion/irritation Category 1A
----- Skin Irrit. 2	Skin corrosion/irritation Category 2
----- H302	Harmful if swallowed
----- H315	Causes skin irritation
----- H319	Causes serious eye irritation
----- H350	May cause cancer

GHS US SDS

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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