



COLD ASPHALT – SAFETY DATA SHEET

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

- 1.1 Product name:** Cold Asphalt
- 1.2 Product type:** Cold patch asphalt used for repairing asphalt pavements, driveways, parking lots and other surfaces as well as base or sub-base applications.
- 1.3 Company identification:** HALIK Ltd.
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2. HAZARDS IDENTIFICATION

Cold asphalt is a black colored solid with a mild petroleum odor. Extended or repeated skin contact may cause drying of the skin and could produce irritation.

2.1 Classification of the substance or mixture:

The product contains no classified substances that might affect the classification of the mixture.

2.2 Label elements:

None

2.3. Other hazards:

Substance meets the criteria for PBT according to Regulation (EC) No. 1907/2006 Annex XIII

None

Substance meets the criteria for vPvB according to Regulation (EC) No. 1907/2006 Annex XIII

None

Other hazards which do not result in classification

None



3. COMPOSITION/INFORMATION ON INGREDIENTS

Ingredient Name	CAS No.	EC No.	Conc.	Class.
RAP aggregate	Various	Various	98-99%	
Bitumen (petroleum dist. Vacuum residues)*	64741-56-6	265-057-8	< 1%	-
Glycerin	56-81-5	200-289-5	< 1%	-
Rubber antioxidant (N-1, 3-dimethylbutyl-N'-phenyl-p-phenylenediamine)	793-24-8	212-344-0	< 1%	-
Esters	67762-38-3		< 1%	-
Waxes	8002-74-2	232-315-6	< 1%	-
Mixed fatty acids	68937-92-8		< 1%	-

* A complex residuum from the vacuum distillation of the residuum from atmospheric distillation of crude oil. It consists of hydrocarbons having carbon numbers predominantly greater than C13 and boiling above approximately 495°C (923°F).

This substance is not classified as hazardous in the Annex I of Directive 67/548/EEC.

This substance is not listed in the Annex I of Regulation (EC) No 689/2008 on Export and Import of Dangerous Chemicals



4. FIRST-AID MEASURES

4.1 Description of first aid measures

After skin contact:	Wash with water and soap. Seek medical attention for any rash or irritation.
After eye contact:	If substance has got into the eyes, immediately wash out with plenty of water for at least 15 minutes. If symptoms persist, obtain medical attention.
After ingestion:	Do not induce vomiting. Provided the patient is conscious, Wash out mouth with water and give 500 ml of water to drink. If symptoms persist, obtain medical attention.

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

May cause eye irritation.

4.3 Indication of any immediate medical attention and special treatment needed

In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).

5. FIRE-FIGHTING MEASURES

5.1 Extinguishing media:

Suitable Extinguishing Media: Use media appropriate to surrounding fire

5.2 Special hazards:

May give off toxic fumes in a fire. Carbon monoxide, carbon dioxide and various hydrocarbons.

5.3 Advice for firefighters:

A self-contained breathing apparatus and suitable Protective clothing should be worn in fire conditions.
Limit exposure to combustion products when fighting any fire.

6. ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures

Wear suitable protective clothing and gloves. (See section: 8).



6.2 Environmental precautions: Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).

6.4 Reference to other sections:

See Section 8 for information on appropriate personal protective equipment.

See Section 13 for additional waste treatment information.

7. HANDLING AND STORAGE

7.1 Precautions for safe handling:

Provide adequate ventilation, including appropriate local extraction, to ensure that the occupational exposure limit is not exceeded. Avoid contact with skin and eyes. Wear suitable protective clothing and gloves. (See Section: 8).

Do not eat, drink or smoke at the work place. Wash hands and exposed skin after use.

Use caution when lifting Cold Asphalt bags to avoid sprains to the bag, arms, shoulders and legs from heavy lifting.

7.2 Conditions for safe storage, including any incompatibilities:

Keep only in the original container in a cool, well-ventilated place

7.3 Specific end use(s) Industrial applications:

This product is a component road repair, pothole repairs and crack repairs.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control parameters:

Occupational exposure limits: No exposure limit value known.

8.2 Exposure Controls:

8.2.1 Appropriate engineering controls – under ordinary conditions, engineering controls are not required.

Provide adequate ventilation, including appropriate local extraction, to ensure that the occupational exposure limit is not exceeded.



8.2.2 Personal Protection

Eye/face protection

Goggles giving complete protection to eyes (EN 166)



Skin protection

Protective gloves (EN 374)



Respiratory protection

In case of insufficient ventilation, wear suitable respiratory equipment (BS EN 14387:2004+A1)



Foot protection

Use approved hard-toed safety boots (EN 345-1:1992)



8.2.3 Environmental Exposure Controls

Avoid release to the environment.

9. PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties:

Appearance:

Black solid

Odour:

Mild bituminous smell.

Boiling Point (°C):

Not available.



Flash Point (°C): Not available

Specific gravity: Not available.

Vapor pressure: Not available.

Vapor density: Not available.

Volatility: Not available.

Viscosity: Not available.

Solubility: Insoluble in water.

9.2. Other information: None.

10. STABILITY AND REACTIVITY

10.1. Hazardous decomposition products: May give off toxic fumes in a fire: Carbon monoxide, Carbon dioxide and various hydrocarbons

10.2. Chemical stability: Stable under normal conditions.

10.3. Possibility of hazardous reactions: No information available.

10.4. Conditions to avoid: Keep away from heat, sources of ignition and open flames.

10.5. Incompatible materials: Strong acids or bases, oxidizing agents such as nitrates and peroxides.

11. TOXICOLOGICAL INFORMATION

11.1. Information on toxicological effects:

Acute toxicity:

Ingestion: No information available.

Inhalation: No information available.

Skin Contact: No information available.

Eye Contact: No information available.

Skin corrosion/irritation: Non-irritant.

Serious eye damage/irritation: May cause eye irritation.

Respiratory or skin sensitization: Negative.



Mutagenicity:	There is no evidence of mutagenic potential.
Carcinogenicity:	No evidence of carcinogenicity.
Reproductive toxicity:	Negative.
STOT-single exposure:	Negative.
STOT-repeated exposure:	Negative.
Aspiration hazard:	Negative.
Other information:	No information available.

12. ECOLOGICAL INFORMATION

12.1. Toxicity:	LC50 (Fish):	No information available.
	EC50 (Fish):	No information available.
	EC50 (Daphnia magna):	No information available.
	EC50 (Algae):	No information available.
	NOEL:	No information available.
	NOEC:	No information available.
	log Kow:	No information available.
	WGK:	Not classified.
12.2. Bio accumulative potential:	The substance has low potential for bioaccumulation.	
12.3. Mobility in soil:	No information available.	
12.4. Results of PBT and vPvB assessment:	Not classified as PBT or vPvB.	
12.5. Other adverse effects:	No information available.	

13. DISPOSAL CONSIDERATIONS

Do not empty into drains; dispose of this material and its container in a safe way. To be disposed of in accordance with local, state or national legislation.

14. TRANSPORT INFORMATION

14.1. UN number:	Not classified according to the United Nations 'Recommendations on the Transport of Dangerous Goods.
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14.2. UN proper shipping name: Not applicable.

14.3. Transport hazard class(es): Not applicable.

14.4. Packing group: Not applicable.

15. REGULATORY INFORMATION

15.1. Safety, health and environmental regulations/legislation specific for the

substance or mixture:

According to Regulation (EC) No. 1272/2008 (CLP)

Hazard pictogram(s): None.

Signal word(s): None.

Hazard statement(s): None.

Supplemental Hazard Information: None.

Precautionary statement(s): None.

According to Directive 67/548/EEC & Directive 1999/45/EC

Hazard pictogram(s): None.

Hazard Symbol: None.

Risk Phrases: None.

Safety Phrases: None.

According to the Swiss Chemicals Ordinance, ChemO

Hazard pictogram(s): None.

Signal word(s): None.

Hazard statement(s): None.

Supplemental Hazard Information: None.

Precautionary statement(s): None.

Switzerland

LRV Klasse (Ta-Luft) : Not available.

BAGT: None.

15.2. Chemical safety assessment: -

16. OTHER INFORMATION

Full text of Hazard statements and Risk phrases for pure substances listed in section 3.

Hazard Symbol: None.

Risk Phrases: None.

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.



Abbreviations and acronyms

ADR:	<i>Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)</i>
RID:	<i>Règlement international concernant le transport des marchandises dangereuses par chemin de fer (Regulations Concerning the International Transport of Dangerous Goods by Rail)</i>
IMDG:	<i>International Maritime Code for Dangerous Goods</i>
IATA:	<i>International Air Transport Association</i>
IATA-DGR:	<i>Dangerous Goods Regulations by the "International Air Transport Association" (IATA)</i>
ICAO:	<i>International Civil Aviation Organization</i>
ICAO-TI:	<i>Technical Instructions by the "International Civil Aviation Organization" (ICAO)</i>
GHS:	<i>Globally Harmonized System of Classification and Labelling of Chemicals</i>
LC50:	<i>Lethal concentration, 50 percent</i>
LD50:	<i>Lethal dose, 50 percent</i>

Disclaimer:

The information and recommendations contained herein are based upon data believed to be up-to-date and correct. However, no guarantee or warranty of any kind, express or implied, is made with respect to the information and recommendations contained herein. We accept no responsibility and disclaim all liability for any harmful effects that may be caused by (incorrect) use, handling, purchase, resale, or exposure to our product. Customers and users of our product must comply with all applicable health and safety laws, regulations, and orders. In particular, they are under an obligation to carry out a risk assessment for the particular work places and to take adequate risk management measures in accordance with the national implementation legislation of EU Directives 89/391 and 98/24.