

1. Identification

Product identifier Deery Level & Go and FBJ 6297

Other means of identification None.

Recommended use Pavement Patching and Repair

Recommended restrictions None known.

Manufacturer/Importer/Supplier/Distributor information

Manufacturer: Crafco, Inc.

Address: 14415 South 50th Street, Suite 100
Phoenix, AZ 85044 USA

Contact Name: Crafco Materials Engineering

Telephone: 602-276-0406

E-mail: sales@crafco.com

CHEMTREC: 800-424-9300 (North America)
+ 1-703-527-3887 (International)

2. Hazard identification

Physical hazards Not classified.

Health hazards Not classified.

Environmental hazards Not classified.

Label elements

Hazard symbol None.

Signal word None.

Hazard statement The mixture does not meet the criteria for classification.

Precautionary statement

Prevention Not assigned.

Response Not assigned.

Storage Not assigned.

Disposal Not assigned.

Supplemental information None.

Other hazards None known.

3. Composition/information on ingredients

Mixtures

Chemical name	Common name and synonyms	CAS number	%
Quartz		14808-60-7	0 - 75
Asphalt		8052-42-4	10 - 40
Calcium carbonate		471-34-1	0 - 10
Distillates (petroleum), hydrotreated heavy naphthenic		64742-52-5	0 - 10

Composition comments All concentrations are in percent by weight unless ingredient is a gas. Gas concentrations are in percent by volume.

4. First-aid measures

Inhalation Move to fresh air. Call a physician if symptoms develop or persist.

Skin contact Wash off with soap and water. Get medical attention if irritation develops and persists.

Eye contact	Rinse with water. Get medical attention if irritation develops and persists.
Ingestion	Rinse mouth. Get medical attention if symptoms occur.
Most important symptoms/effects, acute and delayed	Direct contact with eyes may cause temporary irritation.
Indication of immediate medical attention and special treatment needed	Treat symptomatically.
General information	Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves.

5. Fire-fighting measures

Suitable extinguishing media	Foam. Dry powder. Carbon dioxide (CO ₂).
Unsuitable extinguishing media	Do not use water jet as an extinguisher, as this will spread the fire.
Specific hazards arising from the chemical	Development of hazardous combustion gases or vapours possible in the event of a fire. The following may develop: Acrolein.
Special protective equipment and precautions for firefighters	Self-contained breathing apparatus and full protective clothing must be worn in case of fire.
Fire fighting equipment/instructions	Move containers from fire area if you can do so without risk.
Specific methods	Use standard firefighting procedures and consider the hazards of other involved materials.
General fire hazards	May form combustible dust concentrations in air.

6. Accidental release measures

Personal precautions, protective equipment and emergency procedures	Keep unnecessary personnel away. For personal protection, see section 8 of the SDS.
Methods and materials for containment and cleaning up	Stop the flow of material, if this is without risk. Following product recovery, flush area with water. For waste disposal, see section 13 of the SDS.
Environmental precautions	Avoid discharge into drains, water courses or onto the ground.

7. Handling and storage

Precautions for safe handling	Observe good industrial hygiene practices.
Conditions for safe storage, including any incompatibilities	Prevent electrostatic charge build-up by using common bonding and grounding techniques. Store in tightly closed container. Store away from incompatible materials (see Section 10 of the SDS).

8. Exposure controls/personal protection

Occupational exposure limits

US. ACGIH Threshold Limit Values (TLV)

Components	Type	Value	Form
Asphalt (CAS 8052-42-4)	TWA	0.5 mg/m ³	Inhalable fume.
Distillates (petroleum), hydrotreated heavy naphthenic (CAS 64742-52-5)	TWA	5 mg/m ³	Inhalable fraction.
Quartz (CAS 14808-60-7)	TWA	0.025 mg/m ³	Respirable fraction.

Canada. Alberta OELs (Occupational Health & Safety Code, Schedule 1, Table 2), as amended

Components	Type	Value	Form
Asphalt (CAS 8052-42-4)	TWA	5 mg/m ³	Fume.
Calcium carbonate (CAS 471-34-1)	TWA	10 mg/m ³	
Distillates (petroleum), hydrotreated heavy naphthenic (CAS 64742-52-5)	STEL	10 mg/m ³	Mist.

Canada. Alberta OELs (Occupational Health & Safety Code, Schedule 1, Table 2), as amended

Components	Type	Value	Form
	TWA	5 mg/m3	Mist.
Quartz (CAS 14808-60-7)	TWA	0.025 mg/m3	Respirable particles.

Canada. British Columbia OELs: Table of Exposure Limits for Chemical Biological Substances Workers Compensation Board, as amended

Components	Type	Value	Form
Asphalt (CAS 8052-42-4)	TWA	0.5 mg/m3	Aerosol, inhalable.
Calcium carbonate (CAS 471-34-1)	STEL	20 mg/m3	Total dust.
Distillates (petroleum), hydrotreated heavy naphthenic (CAS 64742-52-5)	TWA	1 mg/m3	Mist.
Quartz (CAS 14808-60-7)	TWA	0.025 mg/m3	Respirable fraction.

Canada. Manitoba OELs (Reg. 217/2006, The Workplace Safety And Health Act), as amended

Components	Type	Value	Form
Asphalt (CAS 8052-42-4)	TWA	0.5 mg/m3	Inhalable fume.
Distillates (petroleum), hydrotreated heavy naphthenic (CAS 64742-52-5)	TWA	5 mg/m3	Inhalable fraction.
Quartz (CAS 14808-60-7)	TWA	0.025 mg/m3	Respirable fraction.

Canada. New Brunswick OELs: Threshold Limit Values (TLVs) Based on the 1991 and 1997 ACGIH TLVs and BEIs Publication (New Brunswick Regulation 91-191)

Components	Type	Value	Form
Asphalt (CAS 8052-42-4)	TWA	0.5 mg/m3	Inhalable fraction, Aerosole
Distillates (petroleum), hydrotreated heavy naphthenic (CAS 64742-52-5)	TWA	5 mg/m3	Inhalable fraction.
Quartz (CAS 14808-60-7)	TWA	0.025 mg/m3	Respirable fraction.

Canada. Ontario OELs (Regulation 833, Control of Exposure to Biological or Chemical Agents), as amended

Components	Type	Value	Form
Asphalt (CAS 8052-42-4)	TWA	0.5 mg/m3	Inhalable fraction.
Distillates (petroleum), hydrotreated heavy naphthenic (CAS 64742-52-5)	TWA	5 mg/m3	Inhalable fraction.
Quartz (CAS 14808-60-7)	TWA	0.1 mg/m3	Respirable fraction.

Canada. Quebec OELs (Regulation respecting occupational health and safety, v. S-2.1, r.13), as amended

Components	Type	Value	Form
Asphalt (CAS 8052-42-4)	TWA	5 mg/m3	Fume.
		5 mg/m3	
		1.5 mg/m3	Vapor and particulates.
Calcium carbonate (CAS 471-34-1)	TWA	10 mg/m3	Total dust.
Distillates (petroleum), hydrotreated heavy naphthenic (CAS 64742-52-5)	TWA	5 mg/m3	Inhalable dusts and mists.
Quartz (CAS 14808-60-7)	TWA	0.05 mg/m3	Respirable dust.

Canada. Saskatchewan OELs (Occupational Health and Safety Regulations, 1996; Table 21), as amended

Components	Type	Value	Form
Asphalt (CAS 8052-42-4)	15 minute	1.5 mg/m3	Aerosol, inhalable.
	8 hour	0.5 mg/m3	Aerosol, inhalable.
Calcium carbonate (CAS 471-34-1)	15 minute	20 mg/m3	
	8 hour	10 mg/m3	
Distillates (petroleum), hydrotreated heavy naphthenic (CAS 64742-52-5)	15 minute	10 mg/m3	
	8 hour	5 mg/m3	
Quartz (CAS 14808-60-7)	8 hour	0.05 mg/m3	Respirable fraction.
Biological limit values	No biological exposure limits noted for the ingredient(s).		
Appropriate engineering controls	Good general ventilation should be used. Ventilation rates should be matched to conditions. If applicable, use process enclosures, local exhaust ventilation, or other engineering controls to maintain airborne levels below recommended exposure limits. If exposure limits have not been established, maintain airborne levels to an acceptable level.		
Individual protection measures, such as personal protective equipment			
Eye/face protection	Wear safety glasses with side shields (or goggles).		
Skin protection			
Hand protection	Chemical resistant gloves are recommended. If contact with forearms is likely wear gauntlet style gloves.		
Other	Wear suitable protective clothing.		
Respiratory protection	In case of insufficient ventilation, wear suitable respiratory equipment.		
Thermal hazards	Wear appropriate thermal protective clothing, when necessary. During product use, there is a risk of thermal burns.		
General hygiene considerations	Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants.		

9. Physical and chemical properties

Physical state	Solid.
Form	Solid.
Color	Black. Dark brown
Odor	Product is a black, semi-solid with a burnt tar odor.
Melting point/freezing point	> 150 - < 250 °F (> 65.56 - < 121.11 °C) ASTM D36 Softening Point
Boiling point or initial boiling point and boiling range	>800 °F (>426.67 °C)
Flammability	Not available.
Upper/lower flammability or explosive limits	
Explosive limit - lower (%)	Not determined.
Explosive limit - upper (%)	Not determined.
Flash point	>400.0 °F (>204.4 °C)
Auto-ignition temperature	>700 °F (>371.11 °C)
Decomposition temperature	Not determined.
pH	Not applicable.
Kinematic viscosity	Not determined.
Solubility	
Solubility (water)	Not determined.
Partition coefficient (n-octanol/water) (log value)	Not applicable, product is a mixture.

Vapor pressure	4.07 hPa estimated
Density and/or relative density	
Relative density	> 1 - < 2.2
Vapor density	Not determined.
Particle characteristics	
Particle size	Not determined.
Other information	
Percent volatile	0 %

10. Stability and reactivity

Reactivity	The product is stable and non-reactive under normal conditions of use, storage and transport.
Chemical stability	Material is stable under normal conditions.
Possibility of hazardous reactions	Hazardous polymerization does not occur.
Conditions to avoid	Contact with incompatible materials.
Incompatible materials	Strong oxidizing agents.
Hazardous decomposition products	Upon decomposition, product emits acrid dense smoke with carbon dioxide, carbon monoxide, trace oxides of nitrogen and sulfur, and water.

11. Toxicological information

Information on likely routes of exposure

Inhalation	No adverse effects due to inhalation are expected.
Skin contact	Prolonged skin contact may cause temporary irritation. Molten material will produce thermal burns.
Eye contact	Direct contact with eyes may cause temporary irritation. Molten material will produce thermal burns.
Ingestion	Expected to be a low ingestion hazard.

Symptoms related to the physical, chemical and toxicological characteristics	Direct contact with eyes may cause temporary irritation.
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Information on toxicological effects

Acute toxicity	Based on available data, the classification criteria are not met.
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Components	Species	Test Results
Asphalt (CAS 8052-42-4)		
<u>Acute</u>		
Dermal		
LD50	Rabbit	> 2000 mg/kg, 24 Hours
Inhalation		
LC50	Rat	> 94.4 mg/m3
Oral		
LD50	Rat	> 5000 mg/kg
Calcium carbonate (CAS 471-34-1)		
<u>Acute</u>		
Dermal		
LD50	Rat	> 2000 mg/kg
Inhalation		
<i>Dust and mist.</i>		
LC50	Rat	> 3 mg/l, 4 Hours
Oral		
LD50	Rat	> 2000 mg/kg

Components	Species	Test Results
Distillates (petroleum), hydrotreated heavy naphthenic (CAS 64742-52-5)		
<u>Acute</u>		
Dermal		
LD50	Rabbit	> 5000 mg/kg, 24 Hours
Inhalation		
<i>Aerosol</i>		
LC50	Rat	> 5.53 mg/l, 4 Hours
Oral		
LD50	Rat	> 5000 mg/kg
Quartz (CAS 14808-60-7)		
<u>Acute</u>		
Oral		
	Rat	> 5000 mg/kg
Skin corrosion/irritation	Prolonged skin contact may cause temporary irritation.	
Corrosivity		
Asphalt		Result: No skin irritation. Species: Rabbit
Serious eye damage/eye irritation	Direct contact with eyes may cause temporary irritation.	
Eye		
Asphalt		Result: No eye irritation Species: Rabbit
Respiratory or skin sensitization		
Canada - Alberta OELs: Irritant		
Asphalt (CAS 8052-42-4)		Irritant
Calcium carbonate (CAS 471-34-1)		Irritant
Respiratory sensitization	Not a respiratory sensitizer.	
Skin sensitization	This product is not expected to cause skin sensitization.	
Skin sensitization		
Asphalt		Buehler Test Result: Negative Species: Guinea pig
Germ cell mutagenicity	No data available to indicate product or any components present at greater than 0.1% are mutagenic or genotoxic.	
Germ cell mutagenicity: Ames test		
Asphalt		In vitro Result: Negative
Mutagenicity		
Asphalt		Transgenic rodent somatic cell gene mutation assay Result: Negative Species: Rat
Carcinogenicity	Risk of cancer cannot be excluded with prolonged exposure. This product contains components that may cause cancer, however, after formation this product is encapsulated and the normal routes of exposure are unavailable.	
Asphalt		Skin contact Result: Negative Species: Mouse Test Duration: 104 weeks
ACGIH Carcinogens		
Asphalt (CAS 8052-42-4)		A4 Not classifiable as a human carcinogen.
Distillates (petroleum), hydrotreated heavy naphthenic (CAS 64742-52-5)		A4 Not classifiable as a human carcinogen.
Quartz (CAS 14808-60-7)		A2 Suspected human carcinogen.

Canada - Alberta OELs: Carcinogen category

Quartz (CAS 14808-60-7)

Suspected human carcinogen.

Canada - Manitoba OELs: carcinogenicity

Asphalt (CAS 8052-42-4)

Not classifiable as a human carcinogen.

Distillates (petroleum), hydrotreated heavy naphthenic
(CAS 64742-52-5)

Not classifiable as a human carcinogen.

Quartz (CAS 14808-60-7)

Suspected human carcinogen.

Canada - New Brunswick OELs: Carcinogen category

Asphalt (CAS 8052-42-4)

A4: Not classifiable as a human carcinogen

Distillates (petroleum), hydrotreated heavy naphthenic
(CAS 64742-52-5)

A4: Not classifiable as a human carcinogen

Quartz (CAS 14808-60-7)

A2: Suspected human carcinogen

Canada - Quebec OELs: Carcinogen category

Quartz (CAS 14808-60-7)

Suspected carcinogenic effect in humans.

IARC Monographs. Overall Evaluation of Carcinogenicity

Asphalt (CAS 8052-42-4)

2B Possibly carcinogenic to humans.

Distillates (petroleum), hydrotreated heavy naphthenic
(CAS 64742-52-5)

3 Not classifiable as to carcinogenicity to humans.

Quartz (CAS 14808-60-7)

1 Carcinogenic to humans.

US. National Toxicology Program (NTP) Report on Carcinogens

Quartz (CAS 14808-60-7)

Known To Be Human Carcinogen.

Reproductive toxicity

This product is not expected to cause reproductive or developmental effects.

Reproductivity

Asphalt

Result: Combined repeated dose toxicity study with the
reproduction/developmental toxicity screening test
(Inhalation): Negative

Species: Rat

Two-generation reproduction toxicity study (Ingestion)

Result: Negative

Species: Rat

**Specific target organ toxicity -
single exposure**

Not classified.

**Specific target organ toxicity -
repeated exposure**

Not classified.

Asphalt

0.028 mg/l NOAEL (Inhalation)
Test Duration: 90 days
0.149 mg/l LOAEL (Inhalation)
Test Duration: 90 days
2000 mg/kg NOAEL (Skin contact)
Species: Rabbit
Test Duration: 28 days**Aspiration hazard**

Not an aspiration hazard.

Chronic effects

Prolonged exposure may cause chronic effects.

12. Ecological information**Ecotoxicity**

The product is not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment.

Persistence and degradability

No data is available on the degradability of any ingredients in the mixture.

Bioaccumulative potential**Partition coefficient n-octanol / water (log Kow)**

Asphalt

> 10 calculated

Mobility in soil

No data available.

Other adverse effects

No other adverse environmental effects (e.g. ozone depletion, photochemical ozone creation potential, endocrine disruption, global warming potential) are expected from this component.

13. Disposal considerations**Disposal instructions**

Collect and reclaim or dispose in sealed containers at licensed waste disposal site.

Local disposal regulations	Dispose in accordance with all applicable regulations.
Hazardous waste code	The waste code should be assigned in discussion between the user, the producer and the waste disposal company.
Waste from residues / unused products	Dispose of in accordance with local regulations. Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe manner.
Contaminated packaging	Since emptied containers may retain product residue, follow label warnings even after container is emptied. Empty containers should be taken to an approved waste handling site for recycling or disposal.

14. Transport information

IATA

Not regulated as dangerous goods.

IMDG

Not regulated as dangerous goods.

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code Not established.

15. Regulatory information

Canadian regulations This product has been classified in accordance with the hazard criteria of the HPR and the SDS contains all the information required by the HPR.
This SDS complies with the Canadian Hazardous Products Regulations (SOR/2015-17), last amended December 15, 2022.

Canada Controlled Drugs and Substances Act, Schedule I

Not regulated.

Canada Controlled Drugs and Substances Act, Schedule II

Not regulated.

Canada Controlled Drugs and Substances Act, Schedule III

Not regulated.

Canada Controlled Drugs and Substances Act, Schedule IV

Not regulated.

Canada Controlled Drugs and Substances Act, Schedule V

Not regulated.

Canada Controlled Drugs and Substances Act, Schedule VI

Not regulated.

Canada Controlled Drugs and Substances Act, Schedule VII

Not regulated.

Canada Controlled Drugs and Substances Act, Schedule VIII

Not regulated.

Export Control List (CEPA 1999, Schedule 3)

Not listed.

Greenhouse Gases

Not listed.

Precursor Control Regulations

Not regulated.

International regulations

Stockholm Convention

Not listed.

Rotterdam Convention

Not listed.

Kyoto Protocol

Not listed.

Montreal Protocol

Not listed.

Basel Convention

Asphalt (CAS 8052-42-4)

International Inventories

Country(s) or region	Inventory name	On inventory (yes/no)*
Australia	Australian Inventory of Industrial Chemicals (AICIS)	Yes
Canada	Domestic Substances List (DSL)	Yes
Canada	Non-Domestic Substances List (NDSL)	No
China	Inventory of Existing Chemical Substances in China (IECSC)	Yes
Europe	European Inventory of Existing Commercial Chemical Substances (EINECS)	Yes
Europe	European List of Notified Chemical Substances (ELINCS)	No
Japan	Inventory of Existing and New Chemical Substances (ENCS)	Yes
Korea	Existing Chemicals List (ECL)	Yes
New Zealand	New Zealand Inventory	Yes
Philippines	Philippine Inventory of Chemicals and Chemical Substances (PICCS)	Yes
Taiwan	Taiwan Chemical Substance Inventory (TCSI)	Yes
United States & Puerto Rico	Toxic Substances Control Act (TSCA) Inventory	Yes

*A "Yes" indicates that all components of this product comply with the inventory requirements administered by the governing country(s)

A "No" indicates that one or more components of the product are not listed or exempt from listing on the inventory administered by the governing country(s).

16. Other information

Issue date 10-09-2026

Version # 01

Disclaimer CrafcO, Inc. cannot anticipate all conditions under which this information and its product, or the products of other manufacturers in combination with its product, may be used. It is the user's responsibility to ensure safe conditions for handling, storage and disposal of the product, and to assume liability for loss, injury, damage or expense due to improper use. The information in the sheet was written based on the best knowledge and experience currently available.