

1. Identification

Product identifier SC-800 COLD PATCH AND PERMA REPAIR

Other means of identification None.

Recommended use Pavement Patching and Repair

Recommended restrictions None known.

Manufacturer/Importer/Supplier/Distributor information

Manufacturer: Crafco, Inc.

Address: 6165 West Detroit St.
Chandler, AZ 85226 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(s) identification

Hazards of the product as supplied

Physical hazards Not classified.

Health hazards Not classified.

Environmental hazards Not classified.

OSHA defined hazards Not classified.

No hazards resulting from the material as supplied.

Other hazards

Hazard(s) not otherwise classified (HNOC) None known.

Supplemental information None.

Label elements

Hazard symbol None.

Signal word Not applicable.

Hazard statement Not applicable.

Precautionary statement

Prevention Not applicable.

Response Not applicable.

Storage Not applicable.

Disposal Not applicable.

3. Composition/information on ingredients

Mixtures

Chemical name	Common name and synonyms	CAS No./Unique ID	%
Aggregate		Mixture	60 - 85
Asphalt		8052-42-4	3 - 7
Distillates (petroleum), hydrotreated light		64742-47-8	< 1
Kerosine (petroleum), hydrodesulfurized		64742-81-0	< 1
Other components below reportable levels			0.15

4. First-aid measures

Inhalation	If breathing is difficult, remove to fresh air and keep at rest in a position comfortable for breathing. Oxygen or artificial respiration if needed. Do not use mouth-to-mouth method if victim inhaled the substance. Induce artificial respiration with the aid of a pocket mask equipped with a one-way valve or other proper respiratory medical device. Call a physician if symptoms develop or persist.
Skin contact	Wash off with soap and plenty of water. For minor skin contact, avoid spreading material on unaffected skin. Wash clothing separately before reuse. Get medical attention if irritation develops and persists.
Eye contact	Immediately flush eyes with plenty of water for at least 15 minutes. If a contact lens is present, DO NOT delay irrigation or attempt to remove the lens. Continue rinsing. Get medical attention if irritation develops and persists.
Ingestion	Rinse mouth thoroughly. Do not induce vomiting without advice from poison control center. If vomiting occurs, keep head low so that stomach content doesn't get into the lungs. Do not use mouth-to-mouth method if victim ingested the substance. Induce artificial respiration with the aid of a pocket mask equipped with a one-way valve or other proper respiratory medical device. If ingestion of a large amount does occur, call a poison control center immediately.
Most important symptoms/effects, acute and delayed	Not available.
Indication of immediate medical attention and special treatment needed	In case of shortness of breath, give oxygen. Keep victim warm. Keep victim under observation. Symptoms may be delayed.
General information	IF exposed or concerned: Get medical advice/attention. In case of shortness of breath, give oxygen. Keep victim warm. Keep victim under observation. Get medical attention if symptoms occur. Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves. Wash contaminated clothing before re-use.

5. Fire-fighting measures

Suitable extinguishing media	Water. Water fog. Foam. Dry chemical powder. Carbon dioxide (CO ₂).
Unsuitable extinguishing media	Do not use a solid water stream as it may scatter and spread fire.
Specific hazards arising from the chemical	Fire may produce irritating, corrosive and/or toxic gases.
Special protective equipment and precautions for firefighters	Firefighters must use standard protective equipment including flame retardant coat, helmet with face shield, gloves, rubber boots, and in enclosed spaces, SCBA. Structural firefighters protective clothing will only provide limited protection.
Fire fighting equipment/instructions	In case of fire and/or explosion do not breathe fumes. Move containers from fire area if you can do so without risk. In the event of fire, cool tanks with water spray. For massive fire in cargo area, use unmanned hose holder or monitor nozzles, if possible. If not, withdraw and let fire burn out. Water runoff can cause environmental damage.
Specific methods	In the event of fire and/or explosion do not breathe fumes. In the event of fire, cool tanks with water spray.

6. Accidental release measures

Personal precautions, protective equipment and emergency procedures	Wear appropriate protective equipment and clothing during clean-up. Ventilate closed spaces before entering them. Avoid inhalation of vapor, fumes, dust and/or mist from the spilled material.
Methods and materials for containment and cleaning up	Collect spillage. Sweep up or vacuum up spillage and collect in suitable container for disposal. Avoid dust formation. Following product recovery, flush area with water. Do not allow material to contaminate ground water system.
Environmental precautions	Avoid release to the environment. Refer to special instructions/safety data sheets. Do not contaminate water.

7. Handling and storage

Precautions for safe handling	Keep formation of airborne dusts to a minimum. Avoid breathing dust/fume/gas/mist/vapors/spray. Avoid contact with skin. Avoid contact with eyes. Use personal protective equipment as required. Avoid prolonged exposure. When using, do not eat, drink or smoke. Wash thoroughly after handling. Avoid release to the environment. Do not empty into drains. Use appropriate container to avoid environmental contamination. Do not heat above 120°F (48.8°C) when using.
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Conditions for safe storage, including any incompatibilities

The pressure in sealed containers can increase under the influence of heat. Store in a well-ventilated place. Keep container tightly closed. Store in a closed container away from incompatible materials. Keep away from food, drink and animal feedingstuffs.

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/m3	Inhalable fume.
Kerosine (petroleum), hydrodesulfurized (CAS 64742-81-0)	TWA	200 mg/m3	Non-aerosol

US. NIOSH: Pocket Guide to Chemical Hazards Recommended Exposure Limits (REL)

Components	Type	Value	Form
Asphalt (CAS 8052-42-4)	Ceiling	5 mg/m3	Fume.
Distillates (petroleum), hydrotreated light (CAS 64742-47-8)	TWA	100 mg/m3	
Kerosine (petroleum), hydrodesulfurized (CAS 64742-81-0)	TWA	100 mg/m3	

Biological limit values No biological exposure limits noted for the ingredient(s).

Exposure guidelines Occupational exposure to nuisance dust (total and respirable) and respirable crystalline silica should be monitored and controlled.

US ACGIH Threshold Limit Values: Skin designation

Kerosine (petroleum), hydrodesulfurized (CAS 64742-81-0)	Danger of cutaneous absorption
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Appropriate engineering controls Adequate ventilation should be provided so that exposure limits are not exceeded.

Individual protection measures, such as personal protective equipment

Eye/face protection Safety glasses.

Skin protection

Hand protection Wear protective gloves.

Other Wear suitable gloves and eye/face protection.

Respiratory protection If engineering controls do not maintain airborne concentrations below recommended exposure limits (where applicable) or to an acceptable level (in countries where exposure limits have not been established), an approved respirator must be worn.

Thermal hazards Not available.

General hygiene considerations When using do not smoke. Avoid contact with eyes. Avoid contact with skin. Wash hands before breaks and immediately after handling the product. Keep away from food and drink. Handle in accordance with good industrial hygiene and safety practice.

9. Physical and chemical properties

Physical state	Solid.
Form	Solid.
Color	Black.
Odor	Hydrocarbon-like.
Melting point/freezing point	176.36 °F (80.2 °C) estimated
Boiling point or initial boiling point and boiling range	>437 °F (>225 °C)
Flammability	Not available.

Upper/lower flammability or explosive limits

Explosive limit - lower (%) 0.7 % estimated

Explosive limit - upper (%) 5.9 % estimated

Flash point >200.0 °F (>93.3 °C) Cleveland Open Cup

Auto-ignition temperature 905 °F (485 °C) estimated

Decomposition temperature	Not available.
pH	Not available.
Kinematic viscosity	Not available.
Solubility	
Solubility (water)	Not available.
Partition coefficient (n-octanol/water)	Not available.
Vapor pressure	Not available.
Density and/or relative density	Not available.
Vapor density	Not available.
Particle characteristics	Not available.
Other information	
Percent volatile	<2 %
Specific gravity	> 2 - < 2.5

10. Stability and reactivity

Reactivity	The product is stable and non-reactive under normal conditions of use, storage and transport.
Chemical stability	Stable under normal temperature conditions.
Possibility of hazardous reactions	Hazardous polymerization does not occur.
Conditions to avoid	Heat, flames and sparks. Avoid high temperatures.
Incompatible materials	Oxidizing materials.
Hazardous decomposition products	Irritants. 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	Vapors have a narcotic effect and may cause headache, fatigue, dizziness and nausea.
Skin contact	Molten material will produce thermal burns.
Eye contact	Molten material will produce thermal burns. Harmful in contact with eyes.
Ingestion	May cause gastrointestinal discomfort if swallowed. Do not induce vomiting. Vomiting may increase risk of product aspiration. However, ingestion is not likely to be a primary route of occupational exposure.

Symptoms related to the physical, chemical and toxicological characteristics	Not available.
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Information on toxicological effects

Acute toxicity

Product	Species	Test Results
SC-800 COLD PATCH AND PERMA REPAIR		
<u>Acute</u>		
Oral		
ATEmix		2369000 mg/kg bw
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

Components	Species	Test Results
Oral		
LD50	Rat	> 5000 mg/kg
Distillates (petroleum), hydrotreated light (CAS 64742-47-8)		
<u>Acute</u>		
Dermal		
LD50	Rabbit	> 2000 mg/kg, 24 Hours
Inhalation		
<i>Vapor</i>		
LC50	Rat	> 5.28 mg/l, 4 Hours
Oral		
LD50	Rat	> 5000 mg/kg
Kerosine (petroleum), hydrodesulfurized (CAS 64742-81-0)		
<u>Acute</u>		
Dermal		
LD50	Rabbit	> 2000 mg/kg, 24 Hours
Inhalation		
<i>Vapor</i>		
LC50	Rat	> 5.28 mg/l, 4 Hours
Oral		
LD50	Rat	> 5000 mg/kg
* Estimates for product may be based on additional component data not shown.		
Skin corrosion/irritation	Not available.	
Corrosivity		
Asphalt		Result: No skin irritation. Species: Rabbit
Serious eye damage/eye irritation	None known.	
Eye		
Asphalt		Result: No eye irritation Species: Rabbit
Respiratory or skin sensitization		
Respiratory sensitization	Not available.	
Skin sensitization	None known.	
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	This product is not considered to be a carcinogen by IARC, ACGIH, NTP, or OSHA.	
Asphalt		Skin contact Result: Negative Species: Mouse Test Duration: 104 weeks

IARC Monographs. Overall Evaluation of CarcinogenicityDistillates (petroleum), hydrotreated light
(CAS 64742-47-8)

3 Not classifiable as to carcinogenicity to humans.

OSHA Specifically Regulated Substances (29 CFR 1910.1001-1053)

Not listed.

US. National Toxicology Program (NTP) Report on Carcinogens

Not listed.

Reproductive toxicity

Not classified.

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 available.

Specific target organ toxicity - repeated exposure

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 available.

Chronic effects

Hazardous by OSHA criteria. Prolonged inhalation may be harmful. Repeated absorption may cause disorder of central nervous system, liver, kidneys and blood. Prolonged exposure may cause chronic effects. Not expected to be hazardous by WHMIS criteria.

Further information

Symptoms may be delayed. This product has no known adverse effect on human health.

12. Ecological information**Ecotoxicity**

This product has no known eco-toxicological effects.

Product**Species****Test Results**

SC-800 COLD PATCH AND PERMA REPAIR

Aquatic

Fish

LC50

Fish

423.1804 mg/l, 96 hours

Components**Species****Test Results**

Kerosine (petroleum), hydrosulfurized (CAS 64742-81-0)

Aquatic*Chronic*

Crustacea

NOEL

Daphnia magna

0.48 mg/l, 21 days

Fish

NOEL

Oncorhynchus mykiss

0.098 mg/l, 28 days

* Estimates for product may be based on additional component data not shown.

Persistence and degradability

Not available.

Bioaccumulative potential

Not available.

Partition coefficient n-octanol / water (log Kow)

Asphalt

> 10 calculated

Mobility in soil

Not available.

Other adverse effects

Not available.

13. Disposal considerations

Disposal instructions	Dispose of contents/container in accordance with local/regional/national/international regulations. When this product as supplied is to be discarded as waste, it does not meet the definition of a RCRA waste under 40 CFR 261.
Waste from residues / unused products	Dispose of in accordance with local regulations.
Contaminated packaging	No special precautions.

14. Transport information

DOT
Not regulated as dangerous goods.

IATA
Not regulated as dangerous goods.

IMDG
Not regulated as dangerous goods.

Transport in bulk according to IMO instruments Not available.

15. Regulatory information

US federal regulations This product is not known to be a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200.
This SDS complies with the OSHA Hazard Communication Standard (29 CFR § 1910.1200), as amended in the final rule published May 20, 2024.

Toxic Substances Control Act (TSCA)

TSCA Section 12(b) Export Notification (40 CFR 707, Subpt. D)

Not regulated.

CERCLA Hazardous Substance List (40 CFR 302.4)

Distillates (petroleum), hydrotreated light (CAS 64742-47-8)
Kerosine (petroleum), hydrodesulfurized (CAS 64742-81-0)

SARA 304 Emergency release notification

Not regulated.

OSHA Specifically Regulated Substances (29 CFR 1910.1001-1053)

Not listed.

Superfund Amendments and Reauthorization Act of 1986 (SARA)

SARA 302 Extremely hazardous substance

Not listed.

SARA 311/312 Hazardous chemical No

SARA 313 (TRI reporting)

Not regulated.

Other federal regulations

Clean Air Act (CAA) Section 112 Hazardous Air Pollutants (HAPs) List

Not regulated.

Clean Air Act (CAA) Section 112(r) Accidental Release Prevention (40 CFR 68.130)

Not regulated.

Safe Drinking Water Act (SDWA) Not regulated.

US state regulations WARNING: This product contains a chemical known to the State of California to cause cancer.

US. California. Candidate Chemicals List. Safer Consumer Products Regulations (Cal. Code Regs, tit. 22, 69502.3, subd. (a))

Distillates (petroleum), hydrotreated light (CAS 64742-47-8)
Kerosine (petroleum), hydrodesulfurized (CAS 64742-81-0)

California Proposition 65**California Proposition 65 - CRT: Listed date/Carcinogenic substance**Distillates (petroleum), hydrotreated light
(CAS 64742-47-8)

Listed: February 27, 1987

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, including date of preparation or last revision**Issue date** 01-14-2026**Version #** 01**NFPA ratings** Health: 1
Flammability: 0
Instability: 0**References** ACGIH
EPA: AQUIRE database
NLM: Hazardous Substances Data Base
US. IARC Monographs on Occupational Exposures to Chemical Agents
HSDB® - Hazardous Substances Data Bank
IARC Monographs. Overall Evaluation of Carcinogenicity
National Toxicology Program (NTP) Report on Carcinogens
ACGIH Documentation of the Threshold Limit Values and Biological Exposure Indices**Disclaimer** The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.