

# SAFETY DATA SHEET

## 1. Identification

<b>Product identifier</b>	<b>SC-800 COLD PATCH AND PERMA REPAIR</b>
<b>Other means of identification</b>	None.
<b>Recommended use</b>	Pavement Patching and Repair
<b>Recommended restrictions</b>	None known.
<b>Manufacturer/Importer/Supplier/Distributor information</b>	
<b>Manufacturer:</b>	Crafco, Inc.
<b>Address:</b>	6165 West Detroit St. Chandler, AZ 85226 USA
<b>Contact Name:</b>	Crafco Materials Engineering
<b>Telephone:</b>	602-276-0406
<b>E-mail:</b>	<a href="mailto:sales@crafco.com">sales@crafco.com</a>
<b>CHEMTREC:</b>	800-424-9300 (North America) + 1-703-527-3887 (International)

## 2. Hazard(s) identification

### Hazards of the product as supplied

<b>Physical hazards</b>	Not classified.
<b>Health hazards</b>	Not classified.
<b>Environmental hazards</b>	Not classified.
<b>OSHA defined hazards</b>	Not classified.

No hazards resulting from the material as supplied.

### Other hazards

<b>Hazard(s) not otherwise classified (HNOC)</b>	None known.
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<b>Supplemental information</b>	None.
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### Label elements

<b>Hazard symbol</b>	None.
<b>Signal word</b>	Not applicable.
<b>Hazard statement</b>	Not applicable.
<b>Precautionary statement</b>	
<b>Prevention</b>	Not applicable.
<b>Response</b>	Not applicable.
<b>Storage</b>	Not applicable.
<b>Disposal</b>	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 (CO2).

### 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.

**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/m <sup>3</sup>	Inhalable fume.
Kerosine (petroleum), hydrodesulfurized (CAS 64742-81-0)	TWA	200 mg/m <sup>3</sup>	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/m <sup>3</sup>	Fume.
Distillates (petroleum), hydrotreated light (CAS 64742-47-8)	TWA	100 mg/m <sup>3</sup>	
Kerosine (petroleum), hydrodesulfurized (CAS 64742-81-0)	TWA	100 mg/m <sup>3</sup>	

**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

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

## 10. Stability and reactivity

<b>Reactivity</b>	The product is stable and non-reactive under normal conditions of use, storage and transport.
<b>Chemical stability</b>	Stable under normal temperature conditions.
<b>Possibility of hazardous reactions</b>	Hazardous polymerization does not occur.
<b>Conditions to avoid</b>	Heat, flames and sparks. Avoid high temperatures.
<b>Incompatible materials</b>	Oxidizing materials.
<b>Hazardous decomposition products</b>	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

<b>Inhalation</b>	Vapors have a narcotic effect and may cause headache, fatigue, dizziness and nausea.
<b>Skin contact</b>	Molten material will produce thermal burns.
<b>Eye contact</b>	Molten material will produce thermal burns. Harmful in contact with eyes.
<b>Ingestion</b>	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.
<b>Symptoms related to the physical, chemical and toxicological characteristics</b>	Not available.

### Information on toxicological effects

#### Acute toxicity

Product	Species	Test Results
SC-800 COLD PATCH AND PERMA REPAIR		
<b>Acute</b>		
<b>Oral</b>		
ATEmix		2369000 mg/kg bw
Components	Species	Test Results
Asphalt (CAS 8052-42-4)		
<b>Acute</b>		
<b>Dermal</b>		
LD50	Rabbit	> 2000 mg/kg, 24 Hours
<b>Inhalation</b>		
LC50	Rat	> 94.4 mg/m <sup>3</sup>

Components	Species	Test Results
<b>Oral</b>		
LD50	Rat	> 5000 mg/kg
Distillates (petroleum), hydrotreated light (CAS 64742-47-8)		
<b>Acute</b>		
<b>Dermal</b>		
LD50	Rabbit	> 2000 mg/kg, 24 Hours
<b>Inhalation</b>		
<i>Vapor</i>		
LC50	Rat	> 5.28 mg/l, 4 Hours
<b>Oral</b>		
LD50	Rat	> 5000 mg/kg
Kerosine (petroleum), hydrodesulfurized (CAS 64742-81-0)		
<b>Acute</b>		
<b>Dermal</b>		
LD50	Rabbit	> 2000 mg/kg, 24 Hours
<b>Inhalation</b>		
<i>Vapor</i>		
LC50	Rat	> 5.28 mg/l, 4 Hours
<b>Oral</b>		
LD50	Rat	> 5000 mg/kg
* Estimates for product may be based on additional component data not shown.		
<b>Skin corrosion/irritation</b>	Not available.	
<b>Corrosivity</b>		
Asphalt		Result: No skin irritation. Species: Rabbit
<b>Serious eye damage/eye irritation</b>	None known.	
<b>Eye</b>		
Asphalt		Result: No eye irritation Species: Rabbit
<b>Respiratory or skin sensitization</b>		
<b>Respiratory sensitization</b>	Not available.	
<b>Skin sensitization</b>	None known.	
<b>Skin sensitization</b>		
Asphalt		Buehler Test Result: Negative Species: Guinea pig
<b>Germ cell mutagenicity</b>	No data available to indicate product or any components present at greater than 0.1% are mutagenic or genotoxic.	
<b>Germ cell mutagenicity: Ames test</b>		
Asphalt		In vitro Result: Negative
<b>Mutagenicity</b>		
Asphalt		Transgenic rodent somatic cell gene mutation assay Result: Negative Species: Rat
<b>Carcinogenicity</b>	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 Carcinogenicity**

Distillates (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****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), hydrodesulfurized (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

<b>Disposal instructions</b>	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.
<b>Waste from residues / unused products</b>	Dispose of in accordance with local regulations.
<b>Contaminated packaging</b>	No special precautions.

## 14. Transport information

<b>DOT</b>	Not regulated as dangerous goods.
<b>IATA</b>	Not regulated as dangerous goods.
<b>IMDG</b>	Not regulated as dangerous goods.
<b>Transport in bulk according to IMO instruments</b>	Not available.

## 15. Regulatory information

<b>US federal regulations</b>	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.
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### 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

#### 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**

<b>Issue date</b>	01-14-2026
<b>Version #</b>	01
<b>NFPA ratings</b>	Health: 1 Flammability: 0 Instability: 0
<b>References</b>	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
<b>Disclaimer</b>	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.