

Date of Preparation: July 12, 2005

### Section 1 - Chemical Product and Company Identification

**Product Name:** HP Asphalt Cold Patch

**Chemical Formula:** Mixture

**CAS Number:** Mixture

**Manufacturer:** CRAFCO, Inc. 420 N. Roosevelt Chandler, AZ 85226

**EMERGENCY TELEPHONE NUMBERS:** 1(602) 276-0406 Normal Business Hours  
Chemtrec 1 (800) 424-9300 After Business Hours

### Section 2 - Composition / Information on Ingredients

Ingredient Name					CAS Number		% vol
Petroleum Asphalt					8052-42-4		3.0 - 7.0
Petroleum Hydrocarbon Mixture					68334-30-5		1.0 – 3.0
Aggregate					1317-65-3		90.0 – 96.0
Ingredient	OSHA PEL		ACGIH TLV		NIOSH REL		NIOSH
	TWA	STEL	TWA	STEL	TWA	STEL	IDLH
Asphalt	0.5 mg/m3	N.E.	0.5 mg/m3	N.E.	0.5mg/m3	N.E.	N.E.
Petroleum Hydrocarbon	5 mg/m3	N.E.	5 mg/m3	N.E.	5 mg/m3	N.E.	N.E.
N.E.- None established							

### Section 3 - Hazards Identification

#### ☆☆☆☆☆ Emergency Overview ☆☆☆☆☆

#### Potential Health Effects

**Primary Entry Routes:** Inhalation and Absorption

**Inhalation:** Irritating to mucous membranes and respiratory tract. May produce symptoms of intoxication, such as headache, dizziness, nausea, and loss of coordination.

**Eyes:** Highly irritating;

**Skin:** Moderately irritating. Prolonged exposure may lead to dermatitis.

**Ingestion:** Not expected to be route of entry.

**Carcinogenicity:** IARC, NTP, ACGIH and OSHA do not list product as a carcinogen.

**Medical Conditions Aggravated by Long-Term Exposure:** Respiratory problems, liver or kidney damage.

HMIS

H 1

F 1

R 0

PPE†

†Sec. 8

### Section 4 - First Aid Measures

**Inhalation:** Remove to fresh air. Apply artificial respiration if necessary. Seek medical attention.

**Eye Contact:** Flush thoroughly with water. Seek medical attention.

**Skin Contact:** Remove clothing and wash affected area with soap and water. Remove material with mineral oil, soap and water. Do not use solvents. If necessary seek medical attention.

**Ingestion:** Do not induce vomiting. Drink 250 ml of water. Seek medical attention.

### Section 5 - Fire-Fighting Measures

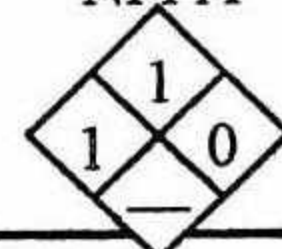
**Flash Point:** 190F minimum

**Flash Point Method:** COC

**Autoignition Temperature:** Not Determined

**Lower Explosive Level (LEL):** Not Determined

NFPA





**Upper Explosive Limit (UEL):** Not Determined  
**Extinguishing Media:** Dry Chemical, Carbon Dioxide  
**Unusual Fire or Explosion Hazards:** Keep away ignition sources.  
**Combustion Products:** Carbon Monoxide, Carbon Dioxide, smoke and oxides of nitrogen  
**Fire-Fighting Instructions and Equipment:** Use of foam or water may cause frothing. Do not release runoff from fire control methods to sewers or waterways.

## Section 6 - Accidental Release Measures

**Spill /Leak Procedures:** Stop spill at source. Remove sources of heat or ignition. Clean-up spill but do not flush to sewer or surface water, Ventilate area and avoid breathing vapors or mists.

## Section 7 - Handling and Storage

**Handling and Storage Precautions:** Keep pallets intact during storage. Packages of unused material present no known safety or health hazards.

**Work / Hygienic Practices:** Use appropriate hygiene practices.

## Section 8 - Exposure Controls / Personal Protection

**Engineering Controls:** Not applicable

**Eye / Face Protection:** Safety glasses or goggles

**Skin Protection:** Wear protective clothing to prevent prolonged exposure, oil impervious gloves.

**Respiratory Protection:** Seek professional advice prior to respirator selection and use. Follow OSHA respirator regulations (29 CFR 1910.134) and, if necessary, wear a MSHA/NIOSH approved respirator.

## Section 9 - Physical and Chemical Properties

**Physical State:** Solid to semi-solid heterogeneous material

**Appearance:** Black granular Mastic

**Odor:** hydrocarbon

**Vapor Pressure:** N/A

**Vapor Density (Air=1):** N/A

**Specific Gravity (H<sub>2</sub>O=1):** 2.6

**Water Solubility:** negligible

**Boiling Point:** N/A

**Melting Point:** N/A

**% Volatile:** <2

**Evaporation Rate:** Not Determined

**pH:** Not Determined

## Section 10 - Stability and Reactivity

**Stability:** Stable

**Polymerization:** Hazardous polymerization will not occur

**Chemical Incompatibilities:**

**Conditions to Avoid (Stability):** Strong oxidizing materials

**Hazardous Decomposition Products:** Various oxides of carbon

## Section 11- Toxicological Information

**Acute Studies:** No data

**Acute Oral Effects:** No data

**Acute Inhalation Effects:** No data

## Section 12 - Ecological Information

**Ecotoxicity:** No data  
**Environmental Transport:** No data  
**Environmental Degradation:** No data  
**Soil Absorption:** No data

## Section 13 - Disposal Considerations

This product, as supplied, when discarded or disposed of, is not a hazardous waste according to Federal regulations (40 CFR 261). Under the Resource Conservation and Recovery Act, it is the responsibility of the user to determine, at the time of disposal, whether the material is a hazardous waste subject to RCRA.

The transportation, storage, treatment and disposal of RCRA waste material must be conducted in compliance with 40 CFR 262, 263, 264, 268 and 270. Disposal can occur only in properly permitted facilities. Check state and local regulations for any additional requirements as these may be more restrictive than federal laws and regulations. Chemical additions, processing or otherwise altering this material may make the waste management information presented in this MSDS incomplete, inaccurate or otherwise inappropriate. Disposal of this material must be conducted in compliance with all federal, state and local regulations.

## Section 14 - Transport Information

**Proper Shipping Name:** Not regulated by DOT  
**Hazard Class:** Not Applicable  
**DOT ID No.:** Not Applicable  
**DOT Shipping Label:** Not regulated by DOT

## Section 15 - Regulatory Information

### U.S. Federal Regulatory Information:

SARA 311 Categories:	Immediate (Acute) Health Effects	No
	Delayed (Chronic) Health Effects	No
	Fire Hazard	No
	Sudden Release of Pressure Hazard	No
	Reactivity Hazard	No

**EPA/TSCA Inventory:** Yes

**State Regulations:** Review applicable state regulations to determine regulatory status of this product.

**Other Regulations:** None known

**Foreign Inventories:** None known

## Section 16 - Other Information

<b>NFPA Hazard Rating</b>	- Health	1 Slight
	- Fire	1 Slight
	- Reactivity	0 Least



**Supersedes MSDS Dated: 7/12/05**

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