

This brief provides a general overview of the **Safety Data Sheet** requirements in the Hazard Communication Standard OSHA's 29 CFR 1910.1200(g) and Appendix D of 29 CFR 1910.1200).

## Section 1 ~ Identification

<b>Identity (As Used On Label and List)</b> <b>B4085 OMEGA ASPHALT PATCH</b>	<b>Date Prepared:</b> 04-07-2016
<b>Company Information:</b> OMEGA INDUSTRIAL SUPPLY, INC	<b>Emergency Telephone Number:</b> 1-800-424-9300
<b>Address (Number, Street, Suite/Apt#)</b> 101 Grobric Ct #1	<b>Telephone Number for Information:</b> 1-800-571-7347
<b>(City, State, and Zip Code)</b> Fairfield, CA 94534	<b>Signature of Prepare (Optional)</b> REGULATORY DEPT.

## Section 2 ~ Hazard(s) Identification

**Classifications** Carc. 2 H351 Full text of H-phrases: see section 16  
**GHS-US Labeling**

**Hazard Pictogram GHS-US**



GHS08

**Signal Word GHS-US:** Warning

**Hazard Statement GHS-US** H351 - Suspected of causing cancer

**Precautionary Statement GHS-US**

P201 - Obtain special instructions before use

P202 - Do not handle until all safety precautions have been read and understood

P280 - Wear protective equipment

P308 + P313 - If exposed or concerned: Get medical advice/attention

**Other Hazards Not Contributing To The Classification**

Vapors and gases from heated asphalt may contain hydrogen sulfide and may be irritating to the eyes and skin. Skin contact with asphalt may cause skin irritation and allergic reactions in some individuals. Hot material may cause burns.

**Unknown Acute Toxicity GHS-US**

None of the ingredients in the mixture are of unknown toxicity.

## Section 3 ~ Composition/Information on Ingredients

**Substance:** Not applicable – product is a mixture

Name	CAS No.	%(Wt.)	Classification GHS-US
Asphalt	8052-42-4	2 – 8*	Carc. 2, H351
Fuel oil No. 2	68476-30-2	1 – 3*	Acute Tox. 4 (Inhalation; dust, mist), H332

\*The exact concentrations have been withheld as a trade secret.

Full text of H-phrases: see section 16

## Section 4 ~ First Aid Measures

**Description of First Aid Measures**

**First-Aid Measures General:** Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label where possible). Suspected of causing cancer.

**First-Aid Measures After Inhalation:** Allow victim to breathe fresh air. Allow the victim to rest.

**First-Aid Measures After Skin Contact:** Remove affected clothing and wash all exposed skin area with mild soap and water, followed by warm water rinse.

**First-Aid Measures After Eye Contact:** Rinse immediately with plenty of water. Obtain medical attention if pain, blinking or redness persists.

**First-Aid Measures After Ingestion:** Rinse mouth. Do NOT induce vomiting. Obtain emergency medical attention.

**Most Important Symptoms and Effects, Both Acute and Delayed:** No additional information available

**Indication of Any Immediate Medical Attention and Special Treatment Needed:** No additional information available

## Section 5 ~ Fire Fighting Measures

**Extinguishing Media**

**Suitable Extinguishing Media:** Foam. Dry powder. Carbon dioxide. Water spray. Sand.

**Unsuitable Extinguishing Media:** Do not use a heavy water stream.

**Special Hazards Arising From The Substance Or Mixture:** No additional information available

**Advice For Firefighters**

**Firefighting Instructions:** Use water spray or fog for cooling exposed containers. Exercise caution when fighting any chemical fire. Prevent fire-fighting water from entering environment.

**Protection During Firefighting:** Do not enter fire area without proper protective equipment, including NIOSH approved positive-pressure breathing apparatus with full face mask and full protective equipment.

## Section 6 ~ Accidental Release Measures

**Personal Precautions, Protective Equipment And Emergency Procedures**

**For Non-Emergency Personnel**

**Emergency Procedures:** Evacuate unnecessary personnel.

**For Emergency Responders**

**Protective Equipment:** Equip cleanup crew with proper protection.

**Emergency Procedures:** Ventilate area.

**Environmental Precautions:** Prevent entry to sewers and public waters. Notify authorities if material enters sewers or public waters.

**Methods And Material For Containment And Cleaning Up**

**Methods For Cleaning Up:** On land, sweep or shovel into suitable containers for reuse.

**Reference To Other Sections:** See Heading 8. Exposure controls and personal protection.

## Section 7 ~ Handling and Storage

**Precautions For Safe Handling:** Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Provide good ventilation in work area to prevent formation of vapor. Obtain special instructions before use. Do not handle until all safety precautions have been read and understood.

**Conditions For Safe Storage, Including Any Incompatibilities**

**Storage Conditions:** Keep only in the original container in a cool, well ventilated place. Keep container closed when not in use.

**Incompatible Products:** Strong bases. Strong acids.

**Incompatible Materials:** Sources of ignition.

**Specific End Use(s):** No additional information available

## Section 8 ~ Exposure Controls/Personal Protection

**Control Parameters**

**High Performance Pothole Patch/Cold Patch**

ACGIH Not Applicable

OSHA Not applicable

Asphalt (8052-42-4)

ACGIH	ACGIH TWA (mg/m3)	0.5 mg/m3 Inhalable fraction
OSHA	Not Applicable	
<b>Fuel oil No. 2 (68476-30-2)</b>		

ACGIH	ACGIH TWA (mg/m3)	100 mg/m3 (inhalable fraction and vapor)
OSHA	Not applicable	

**Hydrogen Sulfide (7783-06-4) may be released from this product**

USA ACGIH	ACGIH TWA (ppm)	1 ppm
USA ACGIH	ACGIH STEL (ppm)	5 ppm
USA OSHA	OSHA PEL (ppm) (Vacated Limits)	10 ppm
USA OSHA	OSHA STEL (ppm) (Vacated limits)	15 ppm
USA OSHA	OSHA Ceiling (ppm)	20 ppm

**Exposure Controls**

**Appropriate Engineering Controls:** Ensure that proper ventilation is provided to maintain exposures below regulated limits.

**Personal Protective Equipment:** Avoid all unnecessary exposure.

**Hand Protection:** Wear protective gloves that protect against thermal burns when handling hot material.

**Eye Protection:** Chemical goggles or safety glasses.

**Respiratory Protection:** Not typically required. In cases where exposures exceed occupational control limits, a NIOSH approved respirator is recommended.

**Other Information:** Do not eat, drink or smoke during use. Wash hands and other exposed areas after use.

**Section 9 ~ Physical Chemical Properties**

<b>Physical State:</b> Coated stone	<b>Flash Point:</b> No data available	<b>Relative Vapor Density at 20 °C:</b> Heavier than air
<b>Appearance:</b> Granular Black Material.	<b>Relative Evaporation Rate (butyl acetate=1):</b> No data available	<b>Solubility:</b> Negligible in water.
<b>Color:</b> Black	<b>Relative Evaporation Rate (ether=1):</b> Slower than ether	<b>Log Pow:</b> No data available
<b>Odor:</b> Petroleum	<b>Flammability (solid, gas):</b> No data available	<b>Log Pow:</b> No data available
<b>Odor Threshold:</b> No data available	<b>Explosion Limits:</b> No data available	<b>Auto-Ignition Temperature:</b> No data available
<b>pH:</b> No data available	<b>Explosive Properties:</b> No data available	<b>Decomposition Temperature:</b> No data available
<b>Melting Point:</b> No data available	<b>Oxidizing Properties:</b> No data available	<b>Viscosity:</b> No data available
<b>Freezing Point:</b> No data available	<b>Vapor Pressure:</b> No data available	<b>Viscosity, Kinematic:</b> No data available
<b>Boiling Point:</b> No data available	<b>Relative Density:</b> No data available	<b>Viscosity, Dynamic:</b> No data available

**Other Information**

**Percent Volatile:** 0 – 4 % by Volume

**Section 10 ~ Stability and Reactivity**

**Reactivity:** No additional information available

**Chemical Stability:** Stable under normal conditions of use.

**Possibility Of Hazardous Reactions:** This material is not known to undergo hazardous polymerization.

**Conditions to Avoid:** Extremely high or low temperatures.

**Incompatible Materials:** Avoid contact with strong acids, oxidizing agents, and petroleum product to preserve the quality of this material.

**Hazardous Decomposition Products:** Hydrogen sulfide and other toxic vapors may be given off when heated excessively. Carbon monoxide. Carbon dioxide.

**Section 11 ~ Toxicological Information**

*Information on likely routes of exposure*

**Acute Toxicity:** Not classified.

**Asphalt (8052-42-4)**

LD50 Oral Rat	>5000 mg/kg
LD50 Dermal Rabbit	>2000 mg/kg
<b>Fuel Oil No.2 (68476-30-2)</b>	
LD50 Oral Rat	12 g/kg
LD50 Dermal Rabbit	4720 µl/kg
LC50 Inhalation Rat (mg/l)	4.6 mg/l/4h
ATE US (Oral)	12000.000 mg/kg body weight
ATE US (Vapors)	4.600 mg/l/4h
ATE US (dust, mist)	4.600 mg/l/4h

**Asphalt (8052-42-4)**

IARC group	2B – Possibly carcinogenic to humans
National Toxicology Program (NTP) Status	5 – Twelfth Report – Items under consideration
In OSHA Hazard Communication Carcinogen list	Yes

**Reproductive Toxicity:** Not classified

**Specific Target Organ Toxicity (single exposure):** Not classified

**Specific Target Organ Toxicity (repeated exposure):** Not classified

**Aspiration Hazard:** Not classified

**Potential Adverse Human Health Effects And Symptoms:** No additional information available

**Skin Corrosion/Irritation:** Not classified

**Serious Eye Damage/Irritation:** Not classified

**Respiratory Or Skin Sensitization:** Not classified

**Germ Cell Mutagenicity:** Not classified

**Carcinogenicity:** Suspected of causing cancer.

**Section 12 ~ Ecological Information**

**Toxicity**

**Fuel Oil No.2 (68476-30-2)**

LC50 Fish 1	35 mg/l (Exposure time: 96 h - Species: Pimephales promelas [flow-through])
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**Persistence and Degradability**

**High Performance Pothole Patch/Cold Patch**

Persistence and Degradability	Not established
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**Asphalt (8052-42-4)**

Persistence and Degradability	Not established
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**Bioaccumulative Potential**

**High Performance Pothole Patch/Cold Patch**

Bioaccumulative Potential	Not established
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**Asphalt (8052-42-4)**

BCF Fish 1	(no bioaccumulation expected)
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Log Pow > 6

Bioaccumulative Potential	Not established
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**Mobility in Soil:** No additional information available

**Other Adverse Effects**

**Other Information:** Avoid release to the environment.

**Section 13 ~ Disposal Considerations**

**Waste Treatment Methods**

**Waste Disposal Recommendations:** Dispose in a safe manner in accordance with local, state and federal regulations.

**Ecology - Waste Materials:** Avoid release to the environment.

## Section 14 ~ Transport Information

### Department of Transportation (DOT)

**In accordance with DOT:** Not regulated for transport

Additional Information

**ADR:** No additional information available

**Transport by Sea:** No additional information available

**Air Transport:** No additional information available

## Section 15 ~ Regulatory Information

### US Federal Regulations

#### High Performance Pothole Patch/Cold Patch

SARA Section 311/312 Hazard Classes Delayed (chronic) health hazard

#### Asphalt (8052-42-4)

Listed on the United States TSCA (Toxic Substances Control Act) inventory

#### Fuel oil No. 2 (68476-30-2)

Listed on the United States TSCA (Toxic Substances Control Act) inventory

### International Regulations

#### CANADA

#### Asphalt (8052-42-4)

Listed on the Canadian DSL (Domestic Substances List)

#### Fuel oil No. 2 (68476-30-2)

Listed on the Canadian DSL (Domestic Substances List)

### EU-Regulations

#### Asphalt (8052-42-4)

Listed on the EEC inventory EINECS (European Inventory of Existing Commercial Chemical Substances)

#### Fuel oil No. 2 (68476-30-2)

Listed on the EEC inventory EINECS (European Inventory of Existing Commercial Chemical Substances)

**Classification according to Regulation (EC) No. 1272/2008 [CLP]:** No additional information available

**Classification according to Directive 67/548/EEC [DSD] or 1999/45/EC [DPD]:** No additional information available

### National Regulations

#### Asphalt (8052-42-4)

Listed on the AICS (Australian Inventory of Chemical Substances)

Listed on IECSC (Inventory of Existing Chemical Substances Produced or Imported in China)

Listed on the Japanese ENCS (Existing & New Chemical Substances) inventory

Listed on the Korean ECL (Existing Chemicals List)

Listed on NZIoC (New Zealand Inventory of Chemicals)

Listed on PICCS (Philippines Inventory of Chemicals and Chemical Substances)

#### Fuel oil No. 2 (68476-30-2)

Listed on the AICS (Australian Inventory of Chemical Substances)

Listed on IECSC (Inventory of Existing Chemical Substances Produced or Imported in China)

Listed on the Korean ECL (Existing Chemicals List)

Listed on NZIoC (New Zealand Inventory of Chemicals)

Listed on PICCS (Philippines Inventory of Chemicals and Chemical Substances)

**US State Regulations:** No additional information available.

## Section 16 ~ Other Information

**Other Information:** None.

### Full text of H-phrases:

Acute Tox. 4 (Inhalation:dust,mist) Acute toxicity (inhalation:dust,mist) Category 4

Carc. 2 Carcinogenicity Category 2

H332 Harmful if inhaled

H351 Suspected of causing cancer

	NFPA	HMIS	Key
HEALTH	1	1	4= Severe
FLAMMABILITY	1	1	3= Serious
REACTIVITY	0	0	2= Moderate
OTHER/PROTECTION	-	**	1= Slight 0= Minimal

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