

6/23/17

# PURE ASPHALT CO

## SAFETY DATA SHEET (SDS)

### SECTION 1: IDENTIFICATION

**Product Name** #42 & #44 Sewer Joint Compound (All seasonal grades)  
**Other Names** Mastic  
**Use** Sealing Precast Concrete Structures  
**Company** Pure Asphalt Co.  
3455 W. 31st Place  
Chicago, IL 60623  
Tel: (773) 247-7030  
Fax: (773) 247-7066  
**Emergency Tel.** ChemTrec 800-262-8200

### SECTION 2: HAZARD(s) IDENTIFICATION

#### GHS HAZARD CLASSIFICATION:

<b>Physical Hazards</b>	Flammable Liquid	Category 3
<b>Health Hazards</b>	Acute Toxicity-Oral	Category 5
	Acute Toxicity-Inhalation	Category 5
	Skin Corrosion/Irritation	Category 2
	Eye Corrosion/Irritation	Category 2
	Target organ toxicity, repeat exposure	Category 2

#### LABEL ELEMENTS:



**Signal Word**

Warning

**Hazard Statements**

H226: Flammable liquid and vapour  
H315: Causes skin irritation  
H320: Causes eye irritation  
H373: May cause damage to organs through prolonged or repeated exposure

**Precautionary statements**

**Prevention**

P210: Keep away from heat, hot surfaces, sparks, open flames and other ignition sources.  
No smoking.  
P233: Keep container tightly closed.  
P240: Ground and bond container and receiving equipment.  
P241: Use explosion-proof electrical and lighting equipment.  
P242: Use only non-sparking tools.  
P243: Take precautionary measures against static discharge.  
P280: Wear protective gloves, protective clothing, eye protection, and face protection.  
P260: Do not breathe mist or spray.

P270: Do not eat, drink or smoke when using this product.  
P264: Wash exposed areas thoroughly after handling.

**Response**

P370+378: IN CASE OF FIRE: Use carbon dioxide (CO<sub>2</sub>), alcohol foam, water fog or dry chemical to extinguish. DO NOT use stream/jet of water as this will spread fire.  
P303+361+ IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with 353: water or shower.  
P302+352: IF ON SKIN: Wash with plenty of soap and water.  
P321: Specific treatment: Apply hand or body lotion to reduce irritation.  
P332+313: If skin irritation occurs: Get medical advice or attention.  
P362+364: Take off contaminated clothing and wash it before reuse.  
P305+351+ IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if 338: present and easy to do – continue rinsing.  
P337+313: If eye irritation persists get medical advice and/or attention.  
P314: Get Medical advice/attention if you feel unwell.  
P331: Do NOT induce vomiting.

**Storage**

P403+235: Store in a well ventilated place. Keep cool.

**Disposal**

P501: Dispose of contents and container in accordance with local, regional, national, and international regulation.

Canadian WHMIS

Class B Division 3

Combustible liquid

**SECTION 3: COMPOSITION/INFORMATION ON HAZARDOUS INGREDIENTS**

**Mixture**

Chemical Name	Common Name	CAS number	Percent by weight
Petroleum Distillates	Stoddard Solvent	8052-41-3	5-25%
Petroleum Hydrocarbon	Asphalt	8052-42-4	30-60%

**SECTION 4: FIRST-AID MEASURES**

**General Advice**

Take off immediately all contaminated clothing. Get Medical advice/attention if you feel unwell. Wash contaminated clothing before reuse.

**Inhalation**

Remove person to fresh air and keep comfortable for breathing. Get Medical attention if you feel unwell.

**Skin**

Take off immediately all contaminated clothing and wash it before reuse. Wash with plenty of soap and water. If skin irritation or a rash occurs: Get medical advice/attention.

**Eye**

Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do and continue rinsing. If eye irritation persists: Get medical attention.

**Ingestion**

IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. Get Medical advice and/or attention if you feel unwell.

**Most important symptoms/effects, acute and delayed**

Eye irritation. Symptoms may include stinging, tearing, redness, swelling and blurred vision.  
Skin irritation: May cause redness, itching and/or pain.  
Inhalation of mist/vapors: Prolonged or repeated exposure may cause chronic effects.

**Indication of immediate medical attention and special treatment needed**

Provide general supportive measures and treat symptomatically.

### SECTION 5: FIRE-FIGHTING MEASURES

<b>Suitable Extinguisher type(s)</b>	Use carbon dioxide (CO2), alcohol foam, water fog or dry chemical to extinguish.
<b>Unsuitable Extinguisher type</b>	Do not use stream or jet of water as this will spread fire.
<b>Specific hazardous arising from fire.</b>	Vaporized material may form explosive mixture with air. Thermal decomposition (burning) will produce oxides of carbon including carbon monoxide and may also produce irritating, corrosive and/or toxic gases, vapors and fumes.
<b>Special protective equipment for fire fighting.</b>	Self-contained breathing apparatus and full protective gear must be worn in case of fire.

### SECTION 6: ACCIDENTAL RELEASE MEASURES

<b>Leak or spill procedures</b>	Remove all sources of ignition. Provide adequate ventilation.
<b>Containment</b>	Contain and absorb with inert material. (e.g. oil dry, sand)
<b>Cleanup</b>	Dispose in accordance with all local, state and federal regulations.
<b>Precautions</b>	In the event of a large spill, contain material and recover for use if possible. Avoid discharge into drains, water courses and the ground.

### SECTION 7: HANDLING AND STORAGE

<b>Storage</b>	Keep away from ignition sources. Keep containers tightly closed. Store in a cool, dry and well ventilated area.
<b>Handling</b>	Avoid prolonged or repeated skin contact and avoid breathing vapors.
<b>Incompatible Contaminants</b>	Avoid exposure to oxidizing agents.

### SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

<b>Ingredient</b>	<b>OSHA PEL</b>	<b>ACGIH TLV-TWA</b>
Petroleum Distillate	500 ppm	100 ppm
<b>Engineering Controls</b>	Use with adequate ventilation.	
<b>PPE</b>	Eye/Face: Face shield, goggles Skin: Chemical protective gloves. Respiratory: Level of exposure needs to be determined. If required, use a particulate filter, a NIOSH-approved air purifying respirator with organic vapor cartridge or a supplied air respirator.	

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

<b>Appearance</b>	
Form	Paste
Color	Black
<b>Flammability Limits</b>	
Upper	~6%
Lower	~0.8%
Odor	Mild Petroleum Odor
Odor Threshold	Not Determined
Vapor Pressure at 20°C	<3 mm Hg, based on solvent
pH	Not applicable
Vapor Density (air=1)	>1
Evaporation Rate	Not Determined
Specific Gravity, 16°C	>1.0
Melting Point/Range	Not Determined
Boiling Point/Range	>350°F (>177°C)
Solubility	Very slight
Partition Coefficient	Not Determined
Flash Point	>105°F (>40°C ) component with lowest PMCC flash point
Flammability	Class 3
Auto ignition Temperature	> 410°F (>210°C)
Decomposition Temperature	Not Determined
Viscosity	Time, temperature and shear dependent

## SECTION 10: STABILITY AND REACTIVITY

<b>Reactivity</b>	
Chemical Stability	Stable
<b>Other</b>	
Hazardous Reactions	Combustion
Polymerization	Will not occur.
Conditions to Avoid	Strong oxidizing agents: sources of ignition.
Incompatible Materials	Strong oxidizing agents
Decomposition Hazards	Combustion products: Oxides of carbon, nitrogen, and sulfur and potentially irritating and/or toxic fumes.

## SECTION 11: TOXICOLOGICAL INFORMATION

Ingredient	LD50	LC50
Petroleum Distillates	Oral-Rat, > 5gm/Kg	4 Hr.-Rat, > 5500 mg/M <sup>3</sup>
<b>Routes of Exposure</b>		
Inhalation	May cause damage to organs through prolonged or repeated exposure	
Ingestion	Expect low ingestion hazard. Do NOT induce vomiting. AVOID ASPIRATION.	
Skin Contact	Causes skin irritation	
Eye Contact	Causes eye irritation	

**Delayed, Immediate, and Long  
Term Exposure**

Prolonged or repeated inhalation of petroleum distillates may cause damage to organs.

**Carcinogenicity**

None of the components of this mixture are considered to be a carcinogen by IARC, ACGIH, NTP, OR OSHA.  
Bitumen fumes generated at paving temperatures in excess of 250°F (120°C) are classified by IARC as "possibly carcinogenic to humans" (Group 2B) but this product is used at ambient temperatures and does not generate fumes.

**SECTION 12: ECOLOGICAL INFORMATION**

**Eco toxicity**

This mixture contains components that are potentially toxic to freshwater and saltwater ecosystems.

**Environmental Fate**

This material may be harmful to aquatic organisms and may cause long term adverse effects in the aquatic environment.

**SECTION 13: DISPOSAL CONSIDERATIONS**

Hazard characteristic and regulatory waste classification can change with product use. Accordingly, it is the responsibility of the user to determine the proper handling and disposition for disposal according to local, state, federal and international regulations.

**SECTION 14: TRANSPORT INFORMATION**

**For Industrial/Professional Use Only-Keep out of reach of Children**

**DOT**

**Proper shipping name:** Combustible Liquid, n.o.s. (contains Petroleum Distillates, n.o.s.)

**Identification Numbers:** NA1993

**Class or Division:** Combustible Liquid

**Packing Group:** III

**Label Codes:** None

**Special Provisions:** IB3, T1, T4, TP1

**Packaging**

**Exceptions:** 173.150

**Non-Bulk:** 173.203

**Bulk:** 173.241

**Quantity Limitations**

**Passenger Aircraft/Rail:** 60 L

**Cargo Aircraft Only:** 220L

**Vessel Stowage**

**Location:** A

**Other:**

**Transport in Bulk according to Annex II of MARPOL 73/78 and the IBC Code**

## SECTION 15: REGULATORY INFORMATION

TSCA	All components are on the TSCA inventory.
Sara Title III, Section 313	No, None
Sara Title III, Section 311, 312	Fire Hazard

## SECTION 16: OTHER INFORMATION

The information and recommendations contained herein are based upon data believed to be correct. However, no guarantee or warranty of any kind expressed or implied is made with respect to the information contained herein.