

# MATERIAL SAFETY DATA SHEET

## S-40 ASPHALTIC PRIMER

### 1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

**MANUFACTURER:** SUMMITVILLE LABORATORIES, INC.  
PO BOX 90  
81 ARBOR ROAD  
MINERVA, OH 44657

**INFORMATION PHONE:** 330-868-6463  
**EMERGENCY PHONE:** 330-223-1511  
**PRODUCT NAME:** S-40 ASPHALTIC PRIMER  
**PRODUCT NUMBER:** 0321903  
**UPC NUMBER:**

**PREPARED BY:** Safety Manager

**DATE PREPARED:** 4/12/12

**LAST REVISION:** 12/17/09  
**SYNONYMS:** # 40 Primer

**PROPER SHIPPING NAME:**  
Flammable Liquid, Paint

**UN NUMBER:**  
**UN NUMBER:** UN 1263

**HAZARD CLASS:** 3  
**PACKING:** III

**HMIS INFORMATION:**  
**HEALTH:** 2

**FLAMMABILITY:** 3

**REACTIVITY:** 0

**PROTECTIVE:** G

### 2. COMPOSITION/INFORMATION ON INGREDIENTS

| Chemical Name | CAS #   | % | OSHA PEL                | ACGIH TLV   |
|---------------|---------|---|-------------------------|---|
| ASPHALT       | 8052424 |   | N/A                     | TLV = 5mg/M3 as FUMES                             |
| XYLENE        | 1330207 |   | PEL = 100 ppm(435mg/M3) | STEL = 150 ppm(651 mg/M3) TLV = 100ppm(434 mg/M3) |
| CARBON BLACK  | 1333864 |   | PEL = 3.5mg/M3          | TLV = 3.5mg/M3                                    |
| VM&P NAPHTHA  | 8032324 |   | N/A                     | TLV = 300ppm(1370 mg/M3)                          |

### 3. HAZARDOUS IDENTIFICATION

**EMERGENCY OVERVIEW:** WARNING! This product is extremely flammable.

#### POTENTIAL HEALTH EFFECTS

**EYE CONTACT:** Can cause severe eye irritation

**INHALATION:** May cause headaches and dizziness, Respiratory tract irritant. Extreme exposure can cause highly sensitized persons to lose consciousness and/or central nervous system depression.

**INGESTION:** No hazard in normal industrial use.

**SKIN CONTACT:** Prolonged exposure may cause skin irritation.

#### SIGNS AND SYMPTOMS OF EXPOSURE:

Respiratory tract irritation and central nervous system depression, headache, dizziness, confusion, unconsciousness, and possible coma.

## 4. FIRST AID MEASURES

**EYE CONTACT:** Immediately flush with plenty of water. After initial flushing, remove any contact lenses and continue flushing for at least 15 minutes. Have eyes examined and tested by medical personnel.

**INHALATION:** Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention immediately.

**INGESTION:** If swallowed, do NOT induce vomiting. Give victim large volumes of water to drink. Call a physician or poison control center immediately. Never give anything by mouth to an unconscious person.

**SKIN CONTACT:** Wash affected area with soap and water. If irritation persists, get medical attention.

**AGGRAVATED MEDICAL CONDITIONS:**  
Central nervous system damage.

**SUPPLEMENTAL HEALTH INFORMATION:**  
Bitumen, extracts of steam-refined and air-refined (such as VM&P naptha cut back asphalt), are listed by IARC; not NTP or OSHA.

## 5. FIRE FIGHTING MEASURES

### FLAMMABLE PROPERTIES

**FLASH POINT:** 55 F

**FLASH POINT METHOD USED:** Not Available

**AUTO IGNITION:**

**LEL:** 1

**UEL:** 7

**EXTINGUISHING MEDIA:**

Dry chemical, foam, Co2.

### **SPECIAL FIRE FIGHTING PROCEDURES:**

Firefighters should wear proper protective equipment and self-contained breathing apparatus with full facepiece in positive pressure mode. Move containers from fire area if it can be done without risk.

### **UNUSUAL FIRE AND EXPLOSION HAZARDS:**

Containers exposed to intense heat from fires should be cooled with water to prevent vapor pressure buildup which could result in container rupture. Container areas exposed to direct flame contact should be cooled with large amounts of water.

### **COMBUSTION PRODUCTS:**

Treat as a fuel oil fire, same emissions.

## 6. ACCIDENTAL RELEASE MEASURES

### **STEPS TO BE TAKEN IN CASE MATERIAL IS SPILLED OR RELEASED:**

Eliminate ignitions sources. Dike material to prevent spreading. Ventilate area(s) involved. Recover if possible. If not recoverable, admix with dry soil, sand, or other non-reactive absorbent and place in a container pending disposal.

## 7. HANDLING AND STORAGE

### **PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE:**

Keep away from heat, sparks, and flame. Do not store near strong oxidants and avoid water contamination. Stay up wind to avoid vapors.

S-40 ASPHALTIC PRIMER

**OTHER PRECAUTIONS:**

Empty containers retain product residue and can be dangerous. Do not pressurize, cut weld, braze, solder, drill, grind, or expose such containers to heat, flame, sparks static electricity, or other sources of ignition.

**8. EXPOSURE CONTROL/PERSONAL PROTECTION**

**RESPIRATORY PROTECTION:**

Proper ventilation required. Wear an appropriate cartridge respirator when strong odor and poor ventilation are present.

**VENTILATION:**

Controlling airborne concentration below the ACGIH TLV exposure guideline is recommended. Use only with adequate ventilation. Local exhaust ventilation may be necessary for some operations.

**PROTECTIVE GLOVES:**

Impervious gloves and splash aprons recommended.

**EYE PROTECTION:**

Use chemical safety goggles and/or full face shield where splashing is possible. Contact lenses should not be worn when working with this material. Maintain eye wash fountain and quick-drench facilities in work areas.

**OTHER PROTECTIVE CLOTHING OR EQUIPMENT:**

Where splashing is possible, wear protective apron

**WORK / HYGIENIC PRACTICES:**

Use good personal hygiene when handling this product. Wash hands after use, before smoking, or using the toilet.

**ENGINEERING CONTROLS:**

Good ventilation should be sufficient to control airborne levels.

**EXPOSURE GUIDELINES:**

**9. PHYSICAL AND CHEMICAL PROPERTIES**

**SOLUBILITY IN WATER:** SLIGHT

**APPEARANCE AND ODOR:** Dark brown to black liquid; Petroleum odor.

|                           |                      |                          |                  |
|---------------------------|----------------------|--------------------------|------------------|
| <b>BOILING POINT:</b>     | 240-280 F            | <b>PERCENT VOLATILE:</b> | 50 by weight     |
| <b>VAPOR PRESSURE:</b>    | 26 MM HG @ 100 Deg F | <b>PH:</b>               |                  |
| <b>EVAPORATION:</b>       | Slower than ether.   | <b>MOLECULAR WEIGHT:</b> |                  |
| <b>POUNDS PER GALLON:</b> |                      | <b>VAPOR DENSITY:</b>    | Heavier Than Air |
| <b>SPECIFIC GRAVITY:</b>  | 0.9                  | <b>OTHER PROPERTIES:</b> |                  |
| <b>MELTING POINT:</b>     |                      |                          |                  |
| <b>FREEZING POINT:</b>    |                      |                          |                  |

## 10. STABILITY AND REACTIVITY

### STABLE:

Stable

### INCOMPATIBILITY:

Oxidizing materials

### HAZARDOUS DECOMPOSITION OR BY PRODUCTS:

Co and/or CO<sub>2</sub>. H<sub>2</sub>S may be released when heated.

### HAZARDOUS POLYMERIZATION:

Will Not Occur

Not Available

## 11. TOXICOLOGY INFORMATION

## 12. ECOLOGICAL INFORMATION

N/A

## 13. DISPOSAL CONSIDERATIONS

Dispose of in accordance with all Federal, State, and Local regulations.

## 14. TRANSPORTATION INFORMATION

**DOT CLASS:** Flammable Liquid, Paint

**HAZARD CLASS:** 3

**UN NUMBER:** UN 1263

**PACKING:** III

**GUIDE NUMBER:**

**PROPER SHIPPING NAME:** Flammable Liquid, Paint

## 15. REGULATORY INFORMATION

The ingredients in this product are listed in the TSCA inventory as required by law. The ingredients listed in California proposition 65 as causing cancer, birth defects, or other reproductive harm. Benzene (< 3PPM) CAS # 71-73-2 Byproduct.

## 16. OTHER INFORMATION

**HMIS INFORMATION:** **HEALTH:** 2 **FLAMMABILITY:** 3 **REACTIVITY:** 0 **PROTECTIVE:** G

### Disclaimer

The information contained herein is based on the data available to us and is believed to be accurate. However, no warranty is expressed or implied regarding the accuracy of this data or the results to be obtained from the use thereof. We assume no responsibility for injuries from the use of the product described herein.

### Active MSDS statement