

MATERIAL SAFETY DATA SHEET

S-45 REINFORCING CLOTH

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

MANUFACTURER: SUMMITVILLE LABORATORIES, INC.
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MINERVA, OH 44657

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PRODUCT NAME: S-45 REINFORCING CLOTH
PRODUCT NUMBER: 58009209450000
UPC NUMBER:

PREPARED BY: Safety Manager

DATE PREPARED: 12/17/09

LAST REVISION: 1/24/00
SYNONYMS: asphalt impregnated reinforcement cloth

PROPER SHIPPING NAME:
N/A

UN NUMBER:
UN NUMBER: N/A

HAZARD CLASS: N/A
PACKING: N/A

HMIS INFORMATION:
HEALTH: 1

FLAMMABILITY: 1

REACTIVITY: 0

PROTECTIVE: B

2. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS #	%	OSHA PEL	ACGIH TLV
FIBOROUS GLASS (dust)			15mg/cuM	10mg/cuM
Petroleum Asphalt (fume)				5mg/cuM

3. HAZARDOUS IDENTIFICATION

EMERGENCY OVERVIEW: N/A

POTENTIAL HEALTH EFFECTS

EYE CONTACT: No hazard in normal industrial use.

INHALATION: Irritating to the nose, throat, and respiratory tract.

INGESTION: No hazard in normal industrial use.

SKIN CONTACT: Prolonged exposure may cause skin irritation.

SIGNS AND SYMPTOMS OF EXPOSURE:

Shortness of breathing, confused behavior, redness of skin, swelling of tissues, watery eyes, nausea.

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: Get medical attention immediately.

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

AGGRAVATED MEDICAL CONDITIONS:

Persons with a history of chronic respiratory or skin conditions may be at increased risk of inflammation of their condition from exposure to this product.

SUPPLEMENTAL HEALTH INFORMATION:

Studies of workers exposed to asphalt have not established a correlation between asphalt and cancer or other lung diseases in humans. This product is petroleum based that contains a variable amount of polycyclic aromatic hydrocarbons which have been shown to cause cancer and respiratory damage to laboratory animals in high exposure concentrations.

5. FIRE FIGHTING MEASURES

FLAMMABLE PROPERTIES

FLASH POINT: >475F

FLASH POINT METHOD USED: Cleveland Open Cup

AUTOIGNITION: >905 F

LEL:

UEL:

EXTINGUISHING MEDIA:

Dry chemical, foam, Co2.

SPECIAL FIRE FIGHTING PROCEDURES:

The use of a positive pressure, SCBA is recommended for firefighters.

UNUSUAL FIRE AND EXPLOSION HAZARDS:

N/A

COMBUSTION PRODUCTS:

Mixtures of carbon monoxide, carbon monoxide, and other hydrocarbons.

6. ACCIDENTAL RELEASE MEASURES

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

Pick up material and place in appropriate container(s).

7. HANDLING AND STORAGE

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE:

Store in a cool, dry, well ventilated area. Outside or detached storage is preferred. Separate from acids, acidic catalysts, and oxidizers. Use adequate ventilation and dust collection to keep exposure below TLV.

OTHER PRECAUTIONS:

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:

Safety glasses with side shields (or goggles) as appropriate.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT:

Where splashing is possible, wear protective apron

WORK / HYGENIC PRACTICES:

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

ENGINEERING CONTROLS:

Facilities storing or utilizing this material should be equipped with an eyewash facility and a safety shower.

EXPOSURE GUIDELINES:

N/A

9. PHYSICAL AND CHEMICAL PROPERTIES

SOLUABILITY IN WATER: N/A

APPEARANCE AND ODOR: Black woven fabric, solid; Asphaltic odor.

BOILING POINT:	>600F asphalt	PERCENT VOLATILE:	
VAPOR PRESSURE:	Not Applicable	PH:	
EVAPORATION:	N/A	MOLECULAR WEIGHT:	
POUNDS PER GALLON:	N/A	VAPOR DENSITY:	N/A
SPECIFIC GRAVITY:	1.2 to 1.3	OTHER PROPERTIES:	burn numbers are for asphalt
MELTING POINT:	1100Cglass		
FREEZING POINT:			

10. STABILITY AND REACTIVITY

STABLE:

Stable

INCOMPATIBILITY:

Oxidizing materials

HAZARDOUS DECOMPOSITION OR BY PRODUCTS:

Carbon dioxides, carbon monoxieds, and other hydrocarbons may be released.

HAZARDOUS POLYMERIZATION:

Will Not Occur

11. TOXICOLOGY INFORMATION

In March 1987 the International Agency for Research on Cancer (IARC) classified bitumens as a group 3 material, "not classifiable as to its carcinogenicity to humans".

12. ECOLOGICAL INFORMATION

This material is not toxic to animals, plants, fish and other water organisms.

13. DISPOSAL CONSIDERATIONS

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

14. TRANSPORTATION INFORMATION

DOT CLASS: N/A

HAZARD CLASS: N/A

UN NUMBER: N/A

PACKING: N/A

GUIDE NUMBER: N/A

PROPER SHIPPING NAME: N/A

15. REGULATORY INFORMATION

The ingredients in this product are listed in the TSCA inventory as required by law. This material contains some ingredients that are listed in California proposition 65 as causing cancer, birth defects, or other reproductive harm.

16. OTHER INFORMATION

HMIS INFORMATION: HEALTH: 1 FLAMMABILITY: 1 REACTIVITY: 0 PROTECTIVE: B

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