

MATERIAL SAFETY DATA SHEET

SL-15 INVISIBLE SEAL

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

MANUFACTURER: SUMMITVILLE LABORATORIES, INC.
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UN NUMBER: UN 1814
N. AMER. EMER GUIDE #: 60
HAZARD CLASS: 8
PACKING GROUP: III
PROPER SHIPPING NAME: Potassium Hydroxide Solution

PRODUCT NAME: SL-15 INVISIBLE SEAL
PRODUCT NUMBER: 60-00-9250
UPC NUMBER:
PREPARED BY: Safety Manager
DATE PREPARED: 2/21/00
LAST REVISION: 6/30/94
SYNONYMS: Potassium Siliconate Suspension

2. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS #	OSHA PEL	ACGIH TLV
WATER	7732185	N/E	N/E
POTASSIUM HYDROXIDE SOLUTION	1310583	N/A	TLV = C 2mg/M3

3. HAZARDOUS IDENTIFICATION

EMERGENCY OVERVIEW: N/A

POTENTIAL HEALTH EFFECTS

EYE CONTACT: Corrosive to the eyes and may cause severe damage including blindness.

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

INGESTION: May cause severe and permanent damage to mouth, throat, stomach, and digestive tract.

SKIN CONTACT: Prolonged exposure may cause severe irritation including redness and burns.

SIGNS AND SYMPTOMS OF EXPOSURE:

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

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, drink large amounts of water and induce vomiting. Never give anything by mouth to an unconscious person. Seek 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:

This material may cause sensitization from repeated handling without the use of proper protective equipment. Sensitized individuals will have varied allergic reactions to this material or vapors from this material as a life-long, temporary allergic reaction once sensitized.

5. FIRE FIGHTING MEASURES

FLAMMABLE PROPERTIES

FLASH POINT: **FLASH POINT METHOD USED:** N/A
AUTOIGNITION: **LEL:** **UEL:**

EXTINGUISHING MEDIA:

Generally non-flammable. Use appropriate media for surrounding materials.

SPECIAL FIRE FIGHTING PROCEDURES:

N/A. Will not burn.

UNUSUAL FIRE AND EXPLOSION HAZARDS:

None known.

COMBUSTION PRODUCTS:

none known

6. ACCIDENTAL RELEASE MEASURES

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

Wipe up small spills. Contain and absorb large spills. Dispose of in accordance with Federal, State, and Local regulations, in solids landfill where applicable.

7. HANDLING AND STORAGE

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE:

Keep away from food and drinking water. Provide adequate ventilation. Keep container closed when not in use. Store away from acidic materials. Keep from freezing.

OTHER PRECAUTIONS:

N/A

8. EXPOSURE CONTROL/PERSONAL PROTECTION

RESPIRATORY PROTECTION:

Wear appropriate respirator complying with NIOSH and other appropriate regulations.

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:

Not Available

9. PHYSICAL AND CHEMICAL PROPERTIES

SOLUABILITY IN WATER: Soluable

APPEARANCE AND ODOR: Clear, colorless liquid with little to no odor.

BOILING POINT: 212	PERCENT VOLATILE: 90
VAPOR PRESSURE:	PH: ~11
EVAPORATION: Not Determined.	MOLECULAR WEIGHT:
POUNDS PER GALLON:	VAPOR DENSITY: N/A
SPECIFIC GRAVITY: 1.10	OTHER PROPERTIES:
MELTING POINT:	
FREEZING POINT:	

10. STABILITY AND REACTIVITY

STABLE: Stable

INCOMPATIBILITY:

Strong bases/bleach.

HAZARDOUS DECOMPOSITION OR BY PRODUCTS:

None

HAZARDOUS POLYMERIZATION: Will Not Occur

11. TOXICOLOGY INFORMATION

Not Available

12. ECOLOGICAL INFORMATION

N/A

13. DISPOSAL CONSIDERATIONS

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

14. TRANSPORTATION INFORMATION

DOT CLASSIFICATION: Potassium Hydroxide Solution

UN NUMBER: UN 1814

HAZARD CLASS: 8

PACKING: III

GUIDE NUMBER: 60

PROPER SHIPPING NAME: Potassium Hydroxide Solution

15. REGULATORY INFORMATION

No information available.

16. OTHER INFORMATION

HMS INFORMATION: HEALTH: 3 FLAMMABILITY: 0 REACTIVITY: 0 PROTECTIVE: H

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