

DATE: 03/14/05
MANUFACTURER'S NAME: Walter G. Legge Co., Inc.
STREET ADDRESS: 444 Central Ave., Peekskill, NY 10566-2003
INFO TELEPHONE NUMBER: 914 - 737 - 5040
EMERGENCY TELEPHONE: CHEMTREC 800 - 424 - 9300
TRADE NAME: LEGSHIELD S300
DOT SHIPPING NAME: Sodium Silicate
DOT HAZARD CLASS: Corrosive Material

SECTION II - INGREDIENTS

CAS NUMBER	CHEMICAL NAME	WT. %	EXPOSURE LIMITS
016589438	Sodium Silicate	3.2	OSHA PEL & ACGIH TLV 2 MG/M3 CEILING

SECTION III - EFFECTS OF OVEREXPOSURE

EYE: Direct contact burns eyes with possible permanent injury, even blindness.

SKIN: Burns severely upon short periods of contact. Overexposure may injure internally if absorbed.

INHALATION: Mist may irritate nose and throat seriously, depending on concentration and duration of exposure, even cause death.

ORAL: Small amounts transferred to the mouth by fingers during use etc., should not injure. Swallowing large amounts may injure seriously.

COMMENTS: No known adverse chronic health effects, but unnecessary exposure to any chemical should be avoided.

This product, as with any chemical, may enhance allergic conditions on certain people. We do not know of any medical conditions that might be aggravated by exposure to this product.

SECTION IV - EMERGENCY AND FIRST AID PROCEDURES

EYES: Flush immediately with water for 15 minutes. Get immediate medical attention.

SKIN: Flush immediately with water for 15 minutes. Get immediate

medical attention.

INHALATION: Remove to fresh air. Get immediate medical attention.
If not breathing, give artificial respiration.

ORAL: Get medical attention. DO NOT INDUCE VOMITING.

SECTION V - FIRE AND EXPLOSION DATA

FLASH POINT (method used): OPEN/CLOSED - none

AUTO IGNITION: not determined

FLAMMABILITY LIMITS IN AIR: Lower - NA Upper - NA

SPECIAL FIRE FIGHTING PROCEDURES: Fire fighters must wear OSHA approved self-contained breathing apparatus and protective clothing in fighting fires involving chemicals.

SECTION VI - PHYSICAL DATA

BOILING POINT: (at 760 MM HG) 212f/100C

SPECIFIC GRAVITY: 1.275

MELTING POINT: not determined

VAPOR PRESSURE: (at 77F/25C) 24 MM (water)

VAPOR DENSITY: (air = 1 at 77F/25C) that of moist air

PERCENT VOLATILE BY WEIGHT: 96.8%

EVAPORATION RATE: (ether = 1) not applicable

SOLUBILITY IN WATER: 100%

ODOR, APPEARANCE, COLOR: "caustic" odor, liquid, clear

SECTION VII - REACTIVITY DATA

STABILITY: stable

INCOMPATIBILITY: (material to avoid) oxidizing material can cause a carbon dioxide, and traces of incompletely burned carbon products.

HAZARDOUS POLYMERIZATION: will not occur

CONDITIONS TO AVOID: not applicable

SECTION VIII - SPILL, LEAK, MAINTENANCE/REPAIR AND DISPOSAL PROCEDURES

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

absorbent material to collect and contain for salvage or disposal.

PROTECTIVE EQUIPMENT:

EYES: use chemical worker goggles

SKIN: avoid contact by using impervious protective clothing. Rubber or plastic gloves, aprons, boots, etc. Use protective gloves as a minimum and wash immediately upon any detectable contact.

INHALATION: use respiratory protection unless local exhaust ventilation is adequate or air sampling data show exposures are within TLV and PEL guidelines.

WASTE DISPOSAL METHOD: Dispose of in accordance with Federal, State, and Local regulations.

DOT (49CFR 171.8)/EPA (40CFR 117) SPILL REPORTING INFORMATION
HAZARDOUS SUBSTANCE: none
REPORTABLE QUANTITY: not applicable
CONCENTRATION OF HAZARDOUS SUBSTANCE: not applicable
REPORTABLE QUANTITY OF PRODUCT: not applicable

SECTION IX - ROUTINE HANDLING PRECAUTIONS

PROTECTIVE EQUIPMENT:

EYES: use chemical worker goggles

SKIN: avoid contact by using impervious protective clothing. Rubber or plastic gloves, aprons, boots, etc. Use protective gloves as a minimum and wash immediately upon any detectable contact.

INHALATION: use respiratory protection unless local exhaust ventilation is adequate or air sampling data show exposures are within TLV and PEL guidelines.

VENTILATION: LOCAL EXHAUST - recommended if spray or mist is created. MECHANICAL: (general) recommended.

SUITABLE RESPIRATOR: dust type

THESE PRECAUTIONS ARE FOR ROOM TEMPERATURE HANDLING; USE AT ELEVATED TEMPERATURES, OR AEROSOL/SPRAY APPLICATIONS, MAY REQUIRE ADDED PRECAUTIONS.

*** GOOD PRACTICE REQUIRES THAT GROSS AMOUNT OF ANY CHEMICAL BE REMOVED FROM THE SKIN AS SOON AS PRACTICAL, ESPECIALLY BEFORE EATING OR SMOKING.

SECTION X - SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING: material is very corrosive to human tissue. Use extreme care. Handle like strong caustic solution.

OTHER PRECAUTIONS: none

SECTION XI - COMMENT

ADDITIONAL SARA REGULATORY COMPLIANCE INFORMATION:

SEC. 312 HAZARD CLASS: Immediate

SEC. 313 NOTIFICATION: Not applicable - either none present or none present in regulated quantities.

SUPPLEMENTAL STATE COMPLIANCE INFORMATION:

Pennsylvania : 007732185 Water

016589438 Sodium Methyl Siliconate

Massachusetts: No ingredients regulated by the
Massachusetts Right-to-Know-Law
present.

New Jersey: 007732185 Water

016589438 Sodium Methyl Siliconate

SECTION XII - MISCELLANEOUS INFORMATION

To the best of our knowledge, the information contained herein is accurate. However, the Walter G. Legge Co., Inc. assumes no liability whatsoever for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown health hazards and should be used with caution. Although certain hazards are described herein, we can not guarantee that these are the only hazards which exist.