SAFETY DATA SHEET

Section 1. Identification

GHS product Identifier LM 85 SSL- Part A
Other means of identification Not available

Relevant identified used of the substance or mixtures and uses advised against
Component of a Polyurethane System

Supplier's details
Polyguard Products, Inc.
3801 South Interstate 45
Ennis, TX 75119
Tel: (214) 515-5000

Emergency telephone number) with hours of operation)
CHEMTREC, US 1-800-424-9300 International 1-703-527-3887

(24/7)

Section 2. Hazards Identification

OSHA/HCS status
While this material is not considered hazardous by the OSHA Hazardous Communications Standard (49CFR1910.1200), this SDS contains valuable information critical to the safe handling and proper use of this product. This SDS should be retained an davailable for employees and other users of this product.

Classification of the substance or mixture
Not classified

GHS label elements

Signal word
Warning

Hazard statement
May cause skin irritation.- Category 2
May cause eye irritation- Category 2B
May cause an allergic skin reaction- Category 1, 1A, 1B.

Precautionary statements

Prevention
Obtain special instructions before use**.** Do not handle until all safety precautions have been read and understood. Wear protective gloves. Wear eyes/ face protection. Avoid breathing dust/fumes/gas/mist/ vapors/spray. Contaminated work clothing should not be allowed out of the workplace.

Response
IF ON SKIN; Wash with plenty of soap and water. Take off contaminated clothing and wash before reuse. If skin irritation or rash occurs: Get medical attention. IF IN EYES; Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical attention.

Storage
Store locked up. Store in a well-ventilated place. Keep cool.

Disposal
Dispose of contents and containers in accordance with all local, regional, national, and international regulations.

Hazards not otherwise classified.
None known

Section 3. Composition/Information on Ingredients

Substance/Mixture	Mixture
Other means of identification	Not available
CAS number/other identifiers	
CAS number	Not applicable
Product code	Not applicable

Occupational exposure limits, if available , are listed in Section 8.

Section 4. First Aid Measures

Description of necessary first aid measures.

Eye contact	Immediately flush eyes with plenty of water for at least 15 minutes. Check for and remove any contact lenses. Get medical attention.
Inhalation	Remove victims to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms occur.
Skin contact	Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Continue to rinse for at least 20 minutes. Get medical attention if symptoms occur.
Ingestion	Wash out mouth with water. Remove victims to fresh air and keep in a position comfortable for breathing. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. DO NOT induce vomiting unless directed to do so by medical personnel. Get medical attention if symptoms appear.

Most important symptoms/effects, acute and delayed

Potential acute health effects

Eye contact	No known or significant effects or critical hazards.
Inhalation	No known or significant effects or critical hazards.
Skin contact	No known or significant effects or critical hazards.
Ingestion	No known or significant effects or critical hazards.

Over-exposure signs/symptoms

Eye contact	Adverse symptoms may include the following: Pain or irritation, Watering, Redness.
Inhalation	No known or significant effects or critical hazards.
Skin contact	Adverse symptoms may include the following: Irritation Redness
Ingestion	No known or significant effects or critical hazards.

Indication of immediate medical attention and special treatment needed, if necessary.

Notes to physician:	Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.
Specific Treatments	No specific treatment
Protection of first aiders:	No action shall be taken involving any personal risk or without suitable training.

Section 5. Fire-fighting Measures

Extinguishing media

Suitable extinguishing media	Use an extinguishment agent suitable for the surrounding fire.
Unsuitable extinguishing media	None known
Specific hazards arising from the chemical	No specific fire or explosion hazard.
Hazardous thermal decomposition products	Decomposition products may include the following materials: Carbon Monoxide, Carbon Dioxide, nitrogen oxides, hydrocarbons.
Special protective equipment for fire fighters	Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full-face piece operated in a positive pressure mode. PVC boots, gloves, safety helmet and protective clothing should be worn.

Section 6. Accidental Release Measures

Personal precautions, protective equipment, and emergency procedures.

For non emergency personal	No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk thru spilled material. Avoid breathing vapor or mist.Wear appropriate respirator when ventilation is inadequate. Put on appropriate personal protective equipment (see section 8).
For emergency responders	If specialized clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in “For non-emergency personnel”.
Enviromental precautions	Avoid disposal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil, or air).
Methods and materials for containment and cleaning up	Stop leak if without risk. Move container from spill area. Use spark proof tolls and explosion proof equipment. Approach release form upwind. Prevent entry into sewers, water courses, basements, or confined areas. Contain and collect spillage with non- combustible, absorbent materials, e.g., sand, earth, vermiculite or diatomaceous earth and place in a container for disposal according to local regulations (see section 13). Dispose of via a licensed waste disposal contractor. Contaminated absorbent material may pose the same hazard as the spilled product. Note: see section 1 for emergency contact information and section 13 for waste disposal.

Section 7. Handling and Storage

Precautions for safe handling

Protective measures	Put on appropriate personal protective equipment (see Section 8).
Advice on general occupational hygiene	Eating, drinking, and smoking should be prohibited in areas where material is handled, stored and processed. Workers should wash hands, and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See section 8 for additional information on hygiene measures.
Conditions for safe storage, including any incompatibilities	Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry cool and well-ventilated area away from incompatible materials (section 10) and food and drink. Keep container tightly closed and sealed until ready to use. Do not store in unlabeled containers. Use appropriate containment to avoid environmental

contamination.

Section 8. Exposure Controls/Personal Protection

Control parameters	
Occupational exposure limits	None
Appropriate engineering controls	No special ventilation requirements. Good general ventilation should be sufficient to control worker exposure to airborne contaminates. Use process enclosures, local exhaust ventilation or other engineering controls to keep worker exposure to airbornes contaminants below any recommended or statutory limits.
Environmental exposure controls	Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation.
Hygiene measure:	Wash hands, forearms, and face thoroughly after handling chemical products, before eating, smoking, and using the lavatory and at the end of the working period. Ensure that eyewash stations and safety showers are close to the workstation.
Eye/face protection	Safety eyewear complying with an approved standard should be used when risk assessment indicates this is necessary to avoid exposure to liquid splashes, mists, gases and dusts.
Skin Protection	
Hand protection	Use chemical resistant, imprevious gloves complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary.
Body protection	Personal protective equipment for the body should be selected based on the task being preformed and the risks involved and should be approved by a specialist before handling this product.
Other skin protection	Appropriate footwear and any additional skin protection measures should be selected based on the task being preformed and the risks involved and should be approved by a specialist before handling this product.
Respiratory protection	Use a properly fitted, air purifying or supplied air respirator complying with an approved standard if a risk assessment indicates this is necessary. Respirator selection must be based on known or anticipated exposure levels, the hazards of the product and the safe working limits of the selected respirator.

Section 9. Physical and Chemical Properties

Appearance	
Physical state	Liquid
Color	Black
Odor	Asphalt
Odor threshold	Not available
pH	Not applicable
Melting point	Not applicable
Boiling point	Not available
Flash Point	Closed cup: 274°C (525.5°F)
Evaporation rate:	Not applicable
Flammability (solid, gas)	Not available
Lower & upper explosive (flammable) limits	Not available
Vapor density	Not available

Section 9. Physical and Chemical Properties

Vapor pressure	Not available
Relative density	1.29
Solubility	Partially soluble in the following materials: cold and hot water
Partition coefficient: n-octanol/water	Not available
Auto- ignition temperature	485 °C (905 °F)
Decomposition temperature	Not available
SADT	Not available
VOC	0 g/L
Viscosity	6,000- 8,000 cps@ 250 °F

Section 10. Stability and Reactivity

Reactivity	No specific test data related to reactivity available for this product or its ingredients.
Chemical stability	This product is stable.
Possibility of hazardous reactions	Under normal conditions of storage and use, hazardous decomposition products should not be produced.
Conditions to avoid:	No specific data.
Incompatible materials	Reactive or incompatible with the following materials: Oxidizing materials and acids.
Hazardous decomposition products	Under normal conditions of storage and use, hazardous decomposition products should not be produced.

Section 11. Toxicological Information

Information on toxicological effects

Acute toxicity	There is no data available.

Irritation/Corrosion

Skin	There is no data available.
Eyes	There is no data available.
Respiratory	There is no data available.

Sensitization

Skin	There is no data available.
Respiratory	There is no data available.

Mutagenicity	There is no data available.
Carcinogenicity	There is no data available.
Reproductive Toxicity	There is no data available.
Teratogenicity	There is no data available.

Specific target organ toxicity (single exposure)
There is no data available.

Specific target organ toxicity (repeated exposure)
There is no data available.

Section 11. Toxicological Information

Aspiration hazard
There is no data available.

Potential acute health effects

Eye contact	Causes eye irritation.
Inhalation	No known significant effects or critical hazards.
Skin contact	No known significant effects or critical hazards.
Ingestion	No known significant effects or critical hazards.

Symptoms related to the physical , chemical and toxicological characterisitics

Eye contact	Adverse symptoms may include the following: Pain or irritation, Watering, Redness.
Inhalation	No known significant effects or critical hazards.
Skin contact	Adverse symptoms may include the following: Irritation Redness
Ingestion	No known significant effects or critical hazards.

Delayed and immediate effects and also chronic effects from short and long term exposure

Short term exposure

Potential immediate effects	No known significant effects or critical hazards.
Potential delayed effects	No known significant effects or critical hazards.

Long term exposure

Potential immediate effects	No known significant effects or critical hazards.
Potential delayed effects	No known significant effects or critical hazards.

Potential chronic health effects

General	No known significant effects or critical hazards.
Carcinogencity	No known significant effects or critical hazards. No known significant effects or critical hazards.
Mutagenicity	
Teragenicity	No known significant effects or critical hazards.
Developmental effects	No known significant effects or critical hazards.
Fertility effects	No known significant effects or critical hazards.

Numerical measures of toxicity

Acute measures of toxicity There is no data available

Section 12. Ecological Information

Toxicity
There is no data available.

Persistence and degradability There is no data available
Bio accumulative potential There is no data available

Mobility in soil

Soil/water partition coefficient (K_{OC})	There is no data available
Other adverse effects	No known significant effects or critical hazards.

Section 13. Disposal Considerations

Disposal methods

The generation of waste should be avoided or minimized wherever possible. Disposal of this product, solutions and any by-products should comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Dispose of surplus and non-recycled products via a licensed waste disposal contractor. Waste should not be disposed of in a sewer. Waste packaging should be recycled. Incineration or landfill should only be considered when recycling is not feasible. This material and its container must be disposed of in a safe way. Care should be taken when handling empty containers that have not been cleaned or rinsed out. Empty containers or liners may retain some product residues. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.

Disposal should be in accordance with applicable regional, local, national, and local laws and regulations.

Section 14. Transport Information

Proper shipping name

DOT	Not regulated
TDG	Not regulated
IMDG	Not regulated
IATA	Not regulated

Section 15. Regulatory Information

Safety, health, and environmental regulations specific for the product

United States Regulations

TSCA 8(a) Pair	Siloxanes and silicones, di-Me, reaction products with silica; 1- Cyclohexane, 4-vinyl-
TSCA 8(a) CDR Exempt/Partial exemption	Not determined
TSCA 8(b) US inventory	All components are listed or exempted.
SARA 302/304	
Composition/information on ingredients	No products found
SARA 304 RQ	Not applicable
SARA 311/312 Classification	Not applicable
SARA 313	Not applicable

Section 15. Regulatory Information

State regulations

Massachusetts	**:** The following components are listed: limestone, Petroleum asphalt.
New Jersey	**:** The following components are listed: limestone, Petroleum asphalt.
New York	**:** No components are listed.

Section 16. Other Information

Date of revision	: 1/19/24
Date of previous issue	: 5/18/16
Revisions:	: Update company phone number, GHS information, remove information regarding DEA chemicals and CAA chemicals, remove reference to California Prop 65 chemicals.
Version	: 3
Prepared by	: C. Rogalski

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