

SECTION 1 - PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: **SL-850 Ponding Water Eliminator**
CHEMICAL FAMILY NAME: Mixture
U.N. NUMBER: N/A
U.N. DANGEROUS GOODS CLASS: Not Regulated
SUPPLIER/MANUFACTURER'S NAME: **Progressive Materials, LLC**
ADDRESS: 540 Central Court, New Albany, IN 47150 USA
EMERGENCY PHONE: **TOLL-FREE in USA/Canada - Chemtrec** 1-800-424-9300
National Poison Control Center (U.S.) 1-800-222-1222
BUSINESS PHONE: 812-944-7803 (Product Information)
WEB SITE: www.pmsilicone.com
DATE OF CURRENT REVISION: May 28, 2022
DATE OF LAST REVISION: July 20, 2021

SECTION 2 - HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW:

Product Description: This product is a thick paste.

Health Hazards: Exposure to the product may cause skin and eye irritation. Prolonged exposure may cause skin sensitization. Ingestion is not a normal route of exposure under normal product use. If swallowed, product may cause gastrointestinal irritation. This product contains ingredients that are suspected of being a reproductive and / or cancer hazard.

Flammability Hazards: This product is not considered flammable.

Reactivity Hazards: None known.

Environmental Hazards: The environmental effects of this product have not been investigated; however it is not expected to cause adverse effects in the environment.

Emergency Considerations: Emergency responders must wear the proper personal protective equipment (and have appropriate fire-suppression equipment) suitable for the situation to which they are responding.

US DOT SYMBOLS

Not Regulated

GHS Hazard Symbols



Signal Word: **Danger!**

GHS CLASSIFICATION OF SUBSTANCE OR MIXTURE IN ACCORDANCE WITH 29 CFR 1200 (OSHA HCS) AND THE EUROPEAN UNION DIRECTIVES:

This product does meet the definition of a hazardous substance or preparation as defined by 29 CFR 1910. 1200 AND the European Union Council Directives 67/548/EEC, 1999/45/EC, 1272/2008/EC and subsequent Directives.

EU HAZARD CLASSIFICATION OF INGREDIENTS:

EC# 613-154-4 This substance is not classified in the Annex VI

EC# 609-369-8 This substance is not classified in the Annex VI

EC# 238-878-4 This substance is not classified in the Annex VI

CAS# 65997-17-3 is not listed in ESIS

EC# 245-366-4 This substance is not classified in the Annex VI

Component(s) Contributing to Classification(s)

Nepheline Syenite, Quartz Silica, 2-Butanone,O,O', O''-(Methylsilylydyne)Trioxime

GHS Hazard Classification(s):

Skin Irritation Category 2

Eye Irritation Category 2A

Skin Sensitization Category 1

Carcinogenicity Category 1A

Specific Target Organ Toxicity – Repeated Exposure Category 1

Hazard Statement(s):

- H315: Causes skin irritation
- H319: Causes serious eye irritation
- H317: May cause and allergic skin reaction
- H350: May cause cancer
- H372: Causes damage to organs through prolonged or repeated exposure

Prevention Statement(s):

- P201: Obtain special instructions before use.
- P202: Do not handle until all safety precautions have been read and understood.
- P260: Do not breath dust/fume/gas/mist/vapours/spray.
- P264: Wash hands thoroughly after handling.
- P270: Do not eat, drink or smoke when using this product.
- P272: Contaminated work clothing should not be allowed out of the workplace.
- P280: Wear protective gloves/protective clothing/eye protection/face protection.

Response Statement(s):

- P308+P313: IF exposed or concerned: Get medical advice/attention.
- P302+P352: IF ON SKIN: Wash with plenty of water.
- P333+P313: If skin irritation or rash occurs: Get medical advice/attention.
- P362+P364: Take off contaminated clothing and wash it before reuse.
- P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
- P337+P313: If eye irritation persists: Get medical advice/attention.

Storage Statement(s):

- P405: Store locked up.

Disposal Statement(s):

- P501: Dispose of contents/container in accordance with local/regional/national/international regulations.

Other Known Hazards:

None known

This product does not meet the criteria for PBT or vPvB in accordance with Annex XIII

HEALTH HAZARDS OR RISKS FROM EXPOSURE:

ACUTE: This material may cause irritation to skin, eye, and respiratory system. May cause skin sensitization. Ingestion of this product may cause gastrointestinal irritation. This product contains an ingredient that is suspected of causing cancer

CHRONIC: Prolonged or repeated skin contact may cause skin reactions.

TARGET ORGANS: ACUTE: Eye, Skin, Respiratory System CHRONIC: Respiratory System

SECTION 3 - COMPOSITION and INFORMATION ON INGREDIENTS

| HAZARDOUS INGREDIENTS: | CAS # | EINECS # | ICSC # | WT % | GHS HAZARD CLASSIFICATION(S) |
|---|------------|--------------------|------------|----------|--|
| Liquid Silicone Polymer | 70131-67-8 | 613-154-4 | Not Listed | 30 - 40% | Not Classified |
| Nepheline Syenite | 37244-96-5 | 609-369-8 | Not Listed | 20 – 30% | STOT SE Cat 3 (Resp. Irritant) |
| Quartz Silica | 14808-60-7 | 238-878-4 | 0808 | 15 - 20% | Carcinogenic Cat 1, STOT RE Cat 1 (Inhalation, Respiratory) |
| Soda Lime Glass | 65997-17-3 | Not Listed in ESIS | Not Listed | 10 – 20% | Not Classified |
| 2-Butanone,O,O', O"- (Methylsilylidyne)Trioxime | 22984-54-9 | 245-366-4 | Not Listed | 1 – 5% | Skin Irritant Cat 2, Eye Irritant Cat 2, Skin Sensitizer Cat 1 |
| Balance of other ingredients are non-hazardous or less than 1% in concentration (or 0.1% for carcinogens, reproductive toxins, or respiratory sensitizers). | | | | | |

* Ingredients are Company Trade Secret - Business Confidential. Progressive Materials LLC is withholding the specific chemical information under provision of the OSHA Hazard Communication Rule Trade Secrets (1910.1200(i)(1)). The specific chemical information will be made available to health professionals in accordance with 29 CFR 1910.1200 (i)(1) (2) (3) (4)..

SECTION 4 - FIRST-AID MEASURES

EYE CONTACT: If product enters the eyes, open eyes while under gentle running water for at least 15 minutes. Seek medical attention if irritation develops.

SAFETY DATA SHEET

SL-850

SKIN CONTACT: Wash skin thoroughly after handling. Seek medical attention if irritation develops and persists. Remove contaminated clothing. Launder contaminated clothing before re-use.

INHALATION: If breathing becomes difficult, remove victim to fresh air. If necessary, use artificial respiration to support vital functions. Seek medical attention if breathing difficulty continues.

INGESTION: If product is swallowed, call physician or poison control center for most current information. If professional advice is not available, do not induce vomiting. Never induce vomiting or give diluents (milk or water) to someone who is unconscious, having convulsions, or who cannot swallow. Seek medical advice. Take a copy of the label and/or SDS with the victim to the health professional.

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE: Pre-existing skin, or eye problems may be aggravated by exposure to this product.

RECOMMENDATIONS TO PHYSICIANS: Treat symptoms and reduce over-exposure.

SECTION 5 - FIRE-FIGHTING MEASURES

FLAMMABLE LIMITS (in air by volume, %): Lower (LEL): Not Established Upper (UEL): Not Established

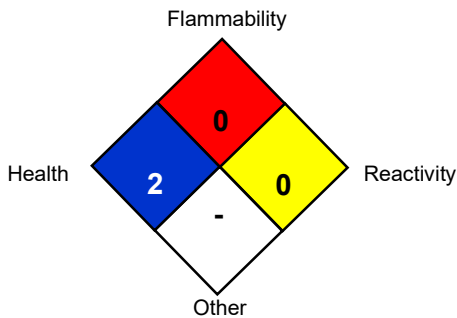
FIRE EXTINGUISHING MATERIALS: Carbon dioxide, foam, dry chemical, halon, water spray, sand, limestone powder.

UNUSUAL FIRE AND EXPLOSION HAZARDS: This material has been tested to ASTM D-4206 Standard and found not to sustain combustion.



Explosion Sensitivity to Mechanical Impact: Not Sensitive.
Explosion Sensitivity to Static Discharge: Not Sensitive

SPECIAL FIRE-FIGHTING PROCEDURES: Incipient fire responders should wear eye protection. Structural firefighters must wear Self-Contained Breathing Apparatus and full protective equipment. Isolate materials not yet involved in the fire and protect personnel. Move containers from fire area if this can be done without risk; otherwise, cool with carefully applied water spray. If possible, prevent runoff water from entering storm drains, bodies of water, or other environmentally sensitive areas.

NFPA RATING SYSTEM



HMIS RATING SYSTEM

| HAZARDOUS MATERIAL IDENTIFICATION SYSTEM | | | |
|---|-------------|---|------------|
| HEALTH HAZARD (BLUE) | | 2 | |
| FLAMMABILITY HAZARD (RED) | | 0 | |
| PHYSICAL HAZARD (YELLOW) | | 0 | |
| PROTECTIVE EQUIPMENT | | | |
| EYES | RESPIRATORY | HANDS | BODY |
|  | See Sect 8 |  | See Sect 8 |
| For Routine Industrial Use and Handling Applications | | | |

Hazard Scale: 0 = Minimal 1 = Slight 2 = Moderate 3 = Serious 4 = Severe * = Chronic hazard

SECTION 6 - ACCIDENTAL RELEASE MEASURES

SPILL AND LEAK RESPONSE: Personnel should be trained for spill response operations.

SPILLS: Contain spill if safe to do so. Prevent entry into drains, sewers, and other waterways. Soak up with a non-combustible absorbent material and place in an appropriate container for disposal. Dispose of in accordance with applicable Federal, State, and local procedures (see Section 13, Disposal Considerations).

SECTION 7 - HANDLING and STORAGE

WORK PRACTICES AND HYGIENE PRACTICES: As with all chemicals, avoid getting this product ON YOU or IN YOU. Wash thoroughly after handling this product. Do not eat, drink, smoke, or apply cosmetics while handling this product. Avoid breathing vapors/mists generated by this product. Use in a well-ventilated location. Remove contaminated clothing immediately.

STORAGE AND HANDLING PRACTICES: Keep container tightly closed and in a dry and cool place.

SECTION 8 - EXPOSURE CONTROLS - PERSONAL PROTECTION

EXPOSURE LIMITS/GUIDELINES:

| Chemical Name | CAS# | ACGIH TWA | OSHA TWA | WEEL |
|---------------|------------|-------------------------|----------------------|------------|
| Quartz Silica | 14808-60-7 | 0.025 mg/m ³ | 15 mg/m ³ | Not Listed |

Currently, International exposure limits are not established for the components of this product. Please check with competent authority in each country for the most recent limits in place.

VENTILATION AND ENGINEERING CONTROLS: Use with adequate ventilation to ensure exposure levels are maintained below the limits provided above. Use local exhaust ventilation to control airborne vapor. Ensure eyewash/safety shower stations are available near areas where this product is used.

The following information on appropriate Personal Protective Equipment is provided to assist employers in complying with OSHA regulations found in 29 CFR Subpart I (beginning at 1910.132) or equivalent standard of Canada, or standards of EU member states (including EN 149 for respiratory PPE, and EN 166 for face/eye protection), and those of Japan. Please reference applicable regulations and standards for relevant details.

RESPIRATORY PROTECTION: Maintain airborne contaminant concentrations below guidelines listed above, if applicable. If necessary, use only respiratory protection authorized in the U.S. Federal OSHA Respiratory Protection Standard (29 CFR 1910.134), equivalent U.S. State standards, Canadian CSA Standard Z94.4-93, the European Standard EN149, or EU member states.

EYE PROTECTION: Safety glasses or chemical goggles as appropriate to prevent eye contact. If necessary, refer to U.S. OSHA 29 CFR 1910.133 or appropriate Canadian Standards.

HAND PROTECTION: Use chemical resistant gloves to prevent skin contact. If necessary, refer to U.S. OSHA 29 CFR 1910.138 or appropriate Standards of Canada.

BODY PROTECTION: Use body protection appropriate to prevent contact (e.g. lab coat, overalls). If necessary, refer to appropriate Standards of Canada, or appropriate Standards of the EU, Australian Standards, or relevant Japanese Standards.

SECTION 9 - PHYSICAL and CHEMICAL PROPERTIES

| | |
|--|-----------------|
| PHYSICAL STATE: | Think liquid |
| APPEARANCE & ODOR: | Characteristic |
| ODOR THRESHOLD (PPM): | Not Available |
| FLASH POINT: | Not Available |
| AUTOIGNITION TEMPERATURE: | Not Established |
| VAPOR PRESSURE (mmHg): | Not Available |
| VAPOR DENSITY: | Not Available |
| EVAPORATION RATE (nBuAc = 1): | Not Available |
| BOILING POINT (C°): | Not Available |
| FREEZING POINT (C°): | Not Available |
| pH: | Not Available |
| SPECIFIC GRAVITY 20°C: (WATER =1) | Not Available |
| SOLUBILITY IN WATER (%): | Not Available |
| EXPLOSIVE PROPERTIES: | Not Available |
| OXIDISING PROPERTIES: | Not Available |

SECTION 10 - STABILITY and REACTIVITY

STABILITY: Product is stable

DECOMPOSITION PRODUCTS: When heated to decomposition this product produces noxious gases such as CO, CO₂, and others.

MATERIALS WITH WHICH SUBSTANCE IS INCOMPATIBLE: None known

HAZARDOUS POLYMERIZATION: Will not occur.

CONDITIONS TO AVOID: Heat and sources of ignition.

SECTION 11 - TOXICOLOGICAL INFORMATION

TOXICITY DATA:

| Chemical Name | CAS# | Oral LD50 | Dermal LD50 | Inhalation LC50 |
|--|------------|--------------|-------------|----------------------------|
| Liquid Silicone Polymer | 70131-67-8 | >15400 mg/kg | >2000 mg/kg | 8750 gm/m ³ /7H |
| Nepheline Syenite | 37244-96-5 | No Data | No Data | No Data |
| Quartz Silica | 14808-60-7 | No Data | No Data | No Data |
| Soda Lime Glass | 65997-17-3 | No Data | No Data | No Data |
| 2-Butanone,O,O', O"- (Methylsilylidyne)Trioxime | 22984-54-9 | No Data | No Data | No Data |

| | |
|-----------------------------------|--|
| Acute toxicity | Based on available data, the classification criteria are not met |
| Skin corrosion / irritation | Skin Irritation Category 2 |
| Serious eye damage / irritation | Eye Irritation Category 2A |
| Respiratory or skin sensitization | Skin Sensitization Category 1 |
| Germ cell mutagenicity | Based on available data, the classification criteria are not met |
| Carcinogenicity | Carcinogenicity Category 2 |
| Reproductive toxicity | Reproductive Toxicity Category 2 |
| STOT-single exposure | Based on available data, the classification criteria are not met |
| STOT-repeated exposure | Specific Target Organ Toxicity – Repeated Exposure Category 1 |
| Aspiration hazard | Based on available data, the classification criteria are not met |

SUSPECTED CANCER AGENT: One or more of the ingredients are found on the following lists: FEDERAL OSHA Z LIST, NTP, CAL/OSHA, IARC and therefore are considered to be, or suspected to be a cancer-causing agent by these agencies.

Crystalline Quartz Silica (14808-60-7)

ACGIH: Suspected human carcinogen (Category A2 Carcinogen)

NIOSH: Known to be human carcinogen (Quartz)

IARC: Group 1 - Carcinogenic to humans (Quartz)

IRRITANCY OF PRODUCT: Contact with this product can be irritating to exposed skin and eyes.

SENSITIZATION OF PRODUCT: This product is considered a skin sensitizer.

REPRODUCTIVE TOXICITY INFORMATION: No Data Available

SPECIFIC TARGET ORGAN TOXICITY – SINGLE EXPOSURE: Data not sufficient for classification.

SPECIFIC TARGET ORGAN TOXICITY – REPEATED EXPOSURE: May cause organ damage.

ASPIRATION HAZARD: This product is not expected to be an aspiration hazard.

SECTION 12 - ECOLOGICAL INFORMATION

ALL WORK PRACTICES MUST BE AIMED AT ELIMINATING ENVIRONMENTAL CONTAMINATION.

TOXICITY: No specific data is currently available on this product's effects on aquatic life.

PERSISTENCE AND DEGRADABILITY: No specific data available on this product.

BIOACCUMULATIVE POTENTIAL: No specific data available on this product.

MOBILITY IN SOIL: No specific data available on this product.

RESULTS OF PBT AND vPvB ASSESMENT: No specific data available on this product.

OTHER ADVERSE EFFECTS: No specific data available on this product.

WATER ENDANGERMENT CLASS: Not believed to be water endangering in accordance with EU Guideline 91/155-EWG. At present there are no ecotoxicological assessments for this product.

SECTION 13 - DISPOSAL CONSIDERATIONS

PREPARING WASTES FOR DISPOSAL: Waste disposal must be in accordance with appropriate Federal, State, and local regulations, those of Canada, Australia, EU Member States and Japan.

RCRA WASTE CODE: None listed

EU WASTE CODE: Not Listed

SECTION 14 - TRANSPORTATION INFORMATION

US DOT; IATA; IMO; ADR:

THIS PRODUCT IS NOT CLASSIFIED AS DANGEROUS GOODS AS DEFINED BY 49 CFR 172.101 BY THE U.S. DEPARTMENT OF TRANSPORTATION.

PROPER SHIPPING NAME: Non-Regulated when shipped ground or rail with U.S.A.

HAZARD CLASS NUMBER and DESCRIPTION: None

UN IDENTIFICATION NUMBER: None

PACKING GROUP: None

DOT LABEL(S) REQUIRED: None

NORTH AMERICAN EMERGENCY RESPONSE GUIDEBOOK NUMBER (2016): None

MARINE POLLUTANT: This product's ingredients that are not classified by the DOT as a Marine Pollutant (as defined by 49 CFR 172.101, Appendix B)

TRANSPORT CANADA, TRANSPORTATION OF DANGEROUS GOODS REGULATIONS:

This product is not classified as Dangerous Goods, per regulations of Transport Canada.

INTERNATIONAL AIR TRANSPORT ASSOCIATION (IATA):

PROPER SHIPPING NAME: Not Regulated

HAZARD CLASS NUMBER and DESCRIPTION: Not Regulated

UN IDENTIFICATION NUMBER: Not Regulated

PACKING GROUP: Not Regulated

DOT LABEL(S) REQUIRED: Not Regulated

INTERNATIONAL MARITIME ORGANIZATION (IMO) DESIGNATION:

This product is not classified as Dangerous Goods by the International Maritime Organization.

EUROPEAN AGREEMENT CONCERNING THE INTERNATIONAL CARRIAGE OF DANGEROUS GOODS BY ROAD (ADR):

This product is not classified by the United Nations Economic Commission for Europe to be dangerous goods.

Harmonized Tariff Code Not Listed

SECTION 15 - REGULATORY INFORMATION

UNITED STATES REGULATIONS

SARA REPORTING REQUIREMENTS: This product is not subject to the reporting requirements of Sections 302, 304 and 313 of Title III of the Superfund Amendments and Reauthorization Act., as follows: None

TSCA: All components in this product are listed on the US Toxic Substances Control Act (TSCA) inventory of chemicals.

SARA 311/312:

Acute Health: Yes Chronic Health: Yes Fire: No Reactivity: No

U.S. SARA THRESHOLD PLANNING QUANTITY: There are no specific Threshold Planning Quantities for this product. The default Federal MSDS submission and inventory requirement filing threshold of 10,000 lb (4,540 kg) may apply, per 40 CFR 370.20.

U.S. CERCLA REPORTABLE QUANTITY (RQ): None

CALIFORNIA SAFE DRINKING WATER AND TOXIC ENFORCEMENT ACT (PROPOSITION 65):

⚠ WARNING This product can expose you to Crystalline Silica which is known to the State of California as a carcinogen hazard if inhaled. For more information, go to WWW.P65Warning.ca.gov

CANADIAN REGULATIONS:

CANADIAN DSL/NDL INVENTORY STATUS: All of the components of this product are on the DSL Inventory

CANADIAN ENVIRONMENTAL PROTECTION ACT (CEPA) PRIORITIES SUBSTANCES LISTS: No component of this product is on the CEPA First Priorities Substance Lists.

CANADIAN WHMIS CLASSIFICATION and SYMBOLS: Classified per WHMIS 2015.

EUROPEAN ECONOMIC COMMUNITY INFORMATION:

EU LABELING AND CLASSIFICATION:

Classification of the mixture according to Regulation (EC) No1272/2008. See section 2 for details.

AUSTRALIAN INFORMATION FOR PRODUCT:

AUSTRALIAN INVENTORY OF CHEMICAL SUBSTANCES (AICS) STATUS: All components of this product are listed or exempt from listing on the AICS.

STANDARD FOR THE UNIFORM SCHEDULING OF DRUGS AND POISONS: Not applicable.

JAPANESE INFORMATION FOR PRODUCT:

JAPANESE MINISTER OF INTERNATIONAL TRADE AND INDUSTRY (MITI) STATUS: The components of this product are not listed as Class I Specified Chemical Substances, Class II Specified Chemical Substances, or Designated Chemical Substances by the Japanese MITI.

INTERNATIONAL CHEMICAL INVENTORIES:

Listing of the components on individual country Chemical Inventories is as follows:

| | |
|---|-------------------------------|
| Asia-Pac: | Listed or exempt from listing |
| Australian Inventory of Chemical Substances (AICS): | Listed or exempt from listing |
| Korean Existing Chemicals List (ECL): | Listed or exempt from listing |
| Japanese Existing National Inventory of Chemical Substances (ENCS): | Listed or exempt from listing |
| Philippines Inventory of Chemicals and Chemical Substances (PICCS): | Listed or exempt from listing |
| Swiss Giftlist List of Toxic Substances: | Listed or exempt from listing |
| U.S. TSCA: | Listed |

SECTION 16 - OTHER INFORMATION

PREPARED BY: Chris Eigbrett

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www.msdstoghs.com

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End of SDS Sheet