



Green-Lock Sealant XL

Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

Revision Date: 12/10/2024

Date of Issue: 02/27/2023

Version: 2.1

SECTION 1: IDENTIFICATION

Product Identifier

Product Form: Mixture

Product Name: Green-Lock Sealant XL

Product Code: 2139

Intended Use of the Product

Primer. For professional use only.

Name, Address, and Telephone of the Responsible Party

Manufacturer

The Garland Company, Inc.
3800 East 91st Street
Cleveland, Ohio 44105-2197
T-800-762-8225
F-216-641-0633
www.garlandco.com

Supplier

The Garland Company, Inc.
3800 East 91st Street
Cleveland, Ohio 44105-2197
T-800-762-8225
F-216-641-0633
www.garlandco.com

The Garland Company, Inc.
209 Carrier Drive
Toronto, Ontario M9W 5Y8
T-416-747-7995 ; 800-387-5991
F-416-747-1980

Emergency Telephone Number

Emergency Number: 1-800-262-8200 (CHEMTREC)

SECTION 2: HAZARDS IDENTIFICATION

Classification of the Substance or Mixture

Classification (GHS-US):

Skin sensitizer Cat 1
Serious eye irritation Cat 2A
Reproductive Toxicity Cat 1B

Label Elements

GHS-US Labeling

Hazard Pictograms (GHS-US)



Signal Word (GHS-US)

: Danger

Hazard Statements (GHS-US)

: H318: Causes serious eye damage
H317: May cause an allergic skin reaction
H360: May damage fertility or the unborn child

Precautionary Statements (GHS-US)

: P102 Keep out of reach of children.
P103 Read label before use
P264 Wash hands thoroughly after handling.
P280 Wear protective gloves/protective clothing/eye protection/face protection.
P261 Avoid breathing dust/fume/gas/mist/vapours/spray.
P272 Contaminated work clothing should not be allowed out of the workplace.
Response;
P314 Get medical advice/attention if you feel unwell
P363 Wash contaminated clothing before reuse.
P321 If skin irritation or burns develop, Call a doctor/physician .
P305 + P351 + P338 If in eyes: Rinse cautiously with water for several minutes.
Remove contact lenses, if present and easy to do. Continue rinsing.

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P302 + P352 IF ON SKIN: wash with plenty of soap and water.
P333 + P313 IF SKIN irritation or rash occurs: Get medical advice/attention.
P361 + P364 take off immediately all contaminated clothing and wash it before reuse.
P310 If in eyes, immediately call a POISON CENTER or doctor/physician.
P312 If inhaled, Call a POISON CENTER or doctor/physician if you feel unwell.
P308 + P313 IF exposed or concerned: Get medical advice/attention.

Storage:

P405 Store locked up

Disposal:

P501 Dispose of contents/container to a waste disposal facility in accordance with local, state, federal or international laws.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

Component

| HAZARDOUS INGREDIENTS: | CAS # | Weight % |
|--------------------------------|--------------|----------|
| Calcium Carbonate | 471-34-1 | 20-40 |
| Diisononyl Phthalate | 28553-12-0 | 10-20 |
| Titanium Dioxide | 13463-67-7 | 1-<5 |
| Limestone | 1317-65-3 | 1-<5 |
| Proprietary Adhesion Promotoer | Trade Secret | 1-<5 |
| Stearic Acid | 57-11-4 | 1-<5 |
| Proprietary Dehydration Agent | Trade Secret | 0.1-1 |
| DBTDL | 77-58-7 | 0.1-1 |
| Carbon Black | 1333-86-4 | <0.1 |
| Crystalline Silica | 14808-60-7 | <0.1 |

Composition Comments: Exact concentrations and chemical identities of ingredients not listed above are either classified as non-hazardous or are withheld as a trade secret as covered by OSHA's Hazard Communication Standard, 29 CFR 1910.1200(i).

SECTION 4: FIRST AID MEASURES

Description of First Aid Measures

General: If you feel unwell, seek medical advice (show the label where possible).

Inhalation: Remove victim to fresh air and administer oxygen if necessary

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

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.

Ingestion: Do not induce vomiting, keep person warm and consult an physician immediately.

SECTION 5: FIRE-FIGHTING MEASURES

Extinguishing Media

Suitable Extinguishing Media: Foam, alcohol foam, CO2, Dry Chemical, Water, Fog

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Advice for Firefighters

Fire Fighting Procedures: Exercise caution when fighting any chemical fire.

Protection During Firefighting: Avoid breathing fire gases or vapors. Evacuate area. Keep upwind to avoid inhalation of gases, vapors, fumes and smoke. Ventilate closed spaces before entering them. Cool containers exposed to heat with water spray to disperse vapors and protect those stopping the leak. Avoid discharge to the aquatic environment. Control run-off water by containing and keeping it out of sewers and watercourses. If risk of water pollution occurs, notify appropriate authorities.

Special Protective Equipment for Firefighters: Wear positive-pressure self-contained breathing apparatus (SCBA) and appropriate protective clothing. Standard Firefighter's clothing includes helmets, protective boots, and gloves will provide a basic level of protection for chemical incidents.

SECTION 6: ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment, and emergency procedures

Personal precautions: Wear protective clothing as described in Section 8 of this safety data sheet. No action shall be taken without appropriate training or involving any personal risk. Do not touch or walk into spilled material. Avoid contact with skin and eyes.

Environmental precautions

Environmental precautions: Avoid discharge into drains or watercourses or onto the ground. Avoid discharge to the aquatic environment.

Methods and Materials for Containment and Cleaning Up

For Containment: Contain spilled material if possible. Remove all sources of ignition and ventilate the area. Absorb with materials such as: Dirt. Vermiculite. Sand.

Methods for Cleaning Up: Wear protective clothing as described in Section 8 of this safety data sheet. Clear up spills immediately and dispose of waste safely. Small Spillages: Collect spillage. Large Spillages: Absorb spillage with non-combustible, absorbent material. The contaminated absorbent may pose the same hazard as the spilled material. Collect and place in suitable waste disposal containers and seal securely. Label the containers containing waste and contaminated materials and remove from the area as soon as possible. Flush contaminated area with plenty of water. Wash thoroughly after dealing with a spillage. For waste disposal, see Section 13.

Reference to Other Sections: For personal protection, see Section 8. See Section 11 for additional information on health hazards. See Section 12 for additional information on ecological hazards. For waste disposal, see Section 13.

SECTION 7: HANDLING AND STORAGE

Precautions for Safe Handling

General Handling: Read and follow manufacturer's recommendations. Wear protective clothing as described in Section 8 of this safety data sheet. Keep away from food, drink, and animal feed. Handle all packages and containers carefully to minimize spills. Keep container tightly sealed when not in use. Avoid the formation of mists. Suspected of causing cancer. May damage fertility. May damage the unborn child. Pregnant or breastfeeding women should not work with this product if there is any risk of exposure. Avoid discharge to the aquatic environment. Do not handle until all safety precautions have been read and understood. Do not handle broken packages without protective equipment. Do not reuse empty containers.

Advice on General Occupational Hygiene: Wash promptly if skin becomes contaminated. Take off contaminated clothing and wash before reuse. Wash contaminated clothing before reuse.

Conditions for Safe Storage

General: Store away from incompatible materials (see Section 10). Store locked up. Keep only in the original container. Keep container tightly closed in a cool, well ventilated place. Keep containers upright. Protect containers from damage. This product polymerizes when in contact with moisture.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

EXPOSURE LIMITS/GUIDELINES:

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| HAZARDOUS INGREDIENTS: | CAS # | OSHA PEL | ACGIH TLV | NIOSH |
|------------------------|------------|--|--|---|
| Calcium Carbonate | 471-34-1 | TWA: 15 mg/m ³ total dust TWA: 5 mg/m ³ respirable fraction | - | TWA: 10 mg/m ³ total dust TWA: 5 mg/m ³ respirable dust |
| Titanium Dioxide | 13463-67-7 | TWA: 15 mg/m ³ total dust (vacated) TWA: 10 mg/m ³ total dust | TWA: 0.2 mg/m ³ nanoscale respirable particulate matter TWA: 2.5 mg/m ³ finescale respirable particulate matter | TWA: 10 mg/m ³ total dust TWA: 5 mg/m ³ respirable dust |
| Limestone | 13463-67-7 | TWA: 15 mg/m ³ total dust TWA: 5 mg/m ³ respirable fraction | - | TWA: 10 mg/m ³ total dust TWA: 5 mg/m ³ respirable dust |
| Stearic Acid | 57-11-4 | - | TWA: 10 mg/m ³ inhalable particulate matter TWA: 3 mg/m ³ respirable particulate matter | - |
| DBTDL | 77-58-7 | TWA: 0.1 mg/m ³ Sn (vacated) TWA: 0.1 mg/m ³ Sn (vacated) S* | | IDLH: 25 mg/m ³ Sn TWA: 0.1 mg/m ³ except Cyhexatin Sn |
| Carbon Black | 1333-86-4 | TWA: 3.5 mg/m ³ (vacated) TWA: 3.5 mg/m ³ | TWA: 3 mg/m ³ inhalable particulate matter | IDLH: 1750 mg/m ³ TWA: 3.5 mg/m ³ TWA: 0.1 mg/m ³ Carbon black in presence of Polycyclic aromatic hydrocarbons PAH |
| Crystalline Silica | 14808-60-7 | TWA: 50 µg/m ³ (vacated) TWA: 0.1 mg/m ³ respirable dust | TWA: 0.025 mg/m ³ respirable particulate matter | IDLH: 50 mg/m ³ respirable dust TWA: 0.05 mg/m ³ respirable dust |

Control Parameters

Occupational Exposure Limits

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.

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 (29CFR 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.

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SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Information on Basic Physical and Chemical Properties

| | |
|-----------------------------------|-----------------|
| PHYSICAL STATE: | Liquid |
| APPEARANCE & ODOR: | Paste |
| 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 (F°): | 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 |
| VOC (EPA METHOD 24): | <50 g/L |

SECTION 10: STABILITY AND REACTIVITY

Reactivity: No additional information available.

Chemical Stability: Stable under recommended storage conditions. See Storage, Section 7.

Possibility of Hazardous Reactions: No potentially hazardous reactions known.

Conditions to Avoid: None known based on information supplied.

Incompatible Materials: None known based on information supplied.

Hazardous Decomposition Products: None known based on information supplied.

SECTION 11. TOXICOLOGICAL INFORMATION

Information on Toxicological Effects – Product

| <u>Chemical Name</u> | <u>Oral LD50</u> | <u>Dermal LD50</u> | <u>Inhalation LC50</u> |
|----------------------------------|--------------------|-----------------------|---------------------------|
| Calcium Carbonate 471-34-1 | 6450 mg/kg (rat) | >2000 mg/kg (Rat) | >3 mg/L (Rat) 4 hr |
| Titanium Dioxide 13463-67-7 | >10000 mg/kg (Rat) | - | 5.09 mg/L (Rat) 4 h |
| Proprietary Adhesion Promoter | 2413 mg/kg (Rat) | >2009 mg/kg (Rattibt) | 1.49-2.44 mg/L (Rat) 4 hr |
| Stearic Acid 57-11-4 | 4600 mg/kg (Rat) | >2000 mg/kg (Rabbit) | - |

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| | | | |
|-------------------------------|--------------------|-----------------------|-----------------------|
| Proprietary Dehydration Agent | 7340 µL/kg (Rat) | 3.54 mL/kg (Rabbit) | 16.8 mg/L (Rat) 4 h |
| DBTDL 77-58-7 | 45 mg/kg (Rat) | > 2000 mg/kg (Rat) | - |
| Carbon Black 1333-86-4 | >15400 mg/kg (Rat) | - | >4.6 mg/m3 (Rat) 4 hr |

Carcinogenicity No information available.

The table below indicates whether each agency has listed any ingredient as a carcinogen.

| Chemical name | ACGIH Rating | IARC Rating | NTP | OSHA |
|----------------------------------|--------------|-------------|-----|------|
| Titanium Dioxide 13463-67-7 | A3 | Group 2B | - | X |
| Carbon Black 1333-86-4 | A3 | Group 2B | - | X |
| Crystalline Silica 14808-60-7 | A2 | Group 1 | - | X |

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

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

SECTION 12: ECOLOGICAL INFORMATION

Toxicity

| Chemical Name | Algae/aquatic plants | Fish | Crstacea |
|-------------------------------|----------------------|--|----------|
| Stearic Acid (57-11-4) | | LC50: <3000 mg/L (96h, Brachydanio reno) LC50: > 1000 mg/L (96h, Danio rerio) | |
| Proprietary Dehydration Agent | | LC50 = 191 mg/L (96 h, Oncorhynchus mykiss) | |

Persistence and Degradability

No known applicable information.

Bioaccumulation:

Partition coefficient: Stearic Acid (57-11-4) = 3.3

Mobility in Soil

Mobility in Soil: No data available

SECTION 13: DISPOSAL CONSIDERATIONS

Waste Disposal Recommendations: Waste generation should be minimized or avoided wherever possible. Reuse or recycle products wherever possible. This material and its container must be disposed of in a safe way. When handling waste, the safety precautions applying to handling of the product should be considered. Care should be taken when handling emptied containers that have not been thoroughly cleaned or rinsed out. Empty containers or liners may retain some product residues and hence be potentially hazardous.

Unused and Contaminated Product: Do not empty into drains. Dispose of surplus products and those that cannot be recycled via a licensed waste disposal contractor. Waste, residues, empty containers, discarded work clothes and contaminated cleaning materials should be collected in designated containers, labeled with their contents. Incineration or landfill should only be considered when recycling is not feasible.

SECTION 14: TRANSPORT INFORMATION

14.1 In Accordance with DOT

Proper Shipping Name : Not regulated
Hazard Class :

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Identification Number :
Packing Group :
14.2 In Accordance with IMDG
Proper Shipping Name : Not regulated
Hazard Class :
Identification Number :
Packing Group :

14.3 In Accordance with IATA

Proper Shipping Name : Not regulated
Hazard Class :
Identification Number :
Packing Group :

SECTION 15: REGULATORY INFORMATION

US Federal Regulations

OSHA 29 CFR 1910-1200 –See section 2

TSCA – All components of this product are listed on TSCA Inventory.

CERCLA Reportable Quantity – Not applicable

SARA Title III: Section 302 Extremely Hazardous Substances – None
Section 304 – Not applicable.
Section 311/312 – Acute health and Chronic Health
RCRA – Refer to section 13.

CWA (Clean Water Act)

This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42).

US State Regulations

California Proposition 65

Titanium Dioxide - 13463-67-7 Carcinogen

Crystalline Silica - 14808-60-7 Carcinogen

Carbon Black - 1333-86-4 Carcinogen

See disclaimer in section 2. Warning! This product can expose you to chemicals, including Titanium Dioxide which is known to the State of California to cause cancer. For more information, go to www.p65Warnings.ca.gov

Component data:

State Right to Know:

| Component | Massachusetts | New Jersey | Pennsylvania |
|-------------------------------|---------------|------------|--------------|
| Calcium Carbonate 471-34-1 | X | X | X |
| Limestone 1317-65-3 | X | X | X |
| Carbon Black 1333-86-4 | X | X | X |
| Crystalline Silica 14808-60-7 | X | X | X |

SECTION 16: OTHER INFORMATION

Revision Date : 12/10/2024

Other Information : This document has been prepared in accordance with the SDS requirements of the OSHA Hazard Communication Standard 29 CFR 1910.1200.

Party Responsible for the Preparation of This Document : The Garland Company, Inc.
3800 East 91st Street
Cleveland, Ohio 44105-2197
T-1800-762-8225

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F-216-641-0633

This information is based on our knowledge as of the Revision Date and is intended to describe the product only for the purposes of health, safety and environmental requirements as of the Revision Date. It should not therefore be construed as guaranteeing any specific property of the product nor as providing any warranty, expressed or implied. The user assumes all responsibility, liability, risk of loss, damage, or expense arising out of, or in any way connected with, the handling, storage, use, or disposal of the product.

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