



Material Safety Data Sheet

NFPA	WHMIS	PPE	Transport Symbol
			DOT Not Regulated

Preparation Date No data available

Revision Date 05-Oct-2010

Revision Number 5

1. PRODUCT AND COMPANY IDENTIFICATION

Product Name Green-Lock Structural Adhesive
Product Code 2138
UN-No Not available

Contact Manufacturer
 The Garland Company, Inc.
 3800 East 91st. Street
 Cleveland, Ohio 44105-2197
 Ph: (800) 762-8225 Fax: (216) 641-0633

Garland Canada, Inc.
 1296 Martin Grove Rd.
 Toronto, Ontario M9W 4X3
 Ph: (416)747-7995 Fax: (416)747-1980

Emergency Telephone Number 1-800-762-8225 (24 Hrs.)

2. HAZARDS IDENTIFICATION

Emergency Overview

The product contains no substances which at their given concentration, are considered to be hazardous to health

Appearance Black.

Physical State Solid.

Odor Not available.

Mexico - Grade Not available

Potential Health Effects

Principle Routes of Exposure Eye contact, Skin contact.

Acute Effects

Eyes Avoid contact with eyes.
Skin Substance may cause slight skin irritation.
Inhalation No information available.
Ingestion May be harmful if swallowed.

Chronic Effects Repeated contact may cause allergic reactions in very susceptible persons

See Section 11 for additional Toxicological information.

Aggravated Medical Conditions Skin disorders.

Interactions with Other Chemicals Not available

Potential Environmental Effects See Section 12 for additional Ecological information

3. COMPOSITION/INFORMATION ON INGREDIENTS

4. FIRST AID MEASURES

Eye Contact Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician

Skin Contact Wash off immediately with soap and plenty of water removing all contaminated clothes and shoes

Inhalation Move to fresh air

Ingestion Consult a physician.

Notes to Physician Treat symptomatically

5. FIRE-FIGHTING MEASURES

Suitable Extinguishing Media Water spray. Carbon dioxide (CO₂). Foam. Dry powder. Water. Dry chemical.

Unsuitable Extinguishing Media None.

Hazardous Combustion Products Carbon monoxide, Carbon dioxide (CO₂).

Explosion Data

Sensitivity to mechanical impact No

Sensitivity to static discharge No

Specific Hazards Arising from the Chemical

No information available.

Protective Equipment and Precautions for Firefighters

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear

NFPA

Health 1

Flammability 0

Instability 0

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions Avoid contact with the skin and the eyes.

Environmental Precautions	Prevent further leakage or spillage if safe to do so
Methods for Containment	Dike with inert absorbant material
Methods for Cleaning Up	Sweep up and shovel into suitable containers for disposal.
Other Information	Not applicable

7. HANDLING AND STORAGE

Handling	Avoid contact with skin, eyes and clothing
Storage	Keep in a dry place. Keep out of the reach of children.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Engineering Measures	No information available.
Personal Protective Equipment	
Eye/face Protection	Safety glasses with side-shields.
Skin Protection	Impervious gloves.
Respiratory Protection	No special protective equipment required.

Hygiene Measures
 Avoid contact with skin, eyes and clothing. Wash hands before breaks and at the end of workday.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Black	
Odor	Not available	
Physical State	Solid	
pH	Not available	
Flash Point	Not available	
Autoignition Temperature	Not available	
Boiling Point/Range	Not available	
Freezing Point	Not available	
Flammability Limits in Air	Lower Not available	Upper Not available
Explosive Properties	Not available	
Oxidizing Properties	Not available	
Evaporation Rate	Not available	
Vapor Pressure	Not available	
Vapor Density	Heavier than air	
Specific Gravity	Not available	
Density	13.35 lb/gal	
Water Solubility	Not available	
Volatiles	Not available	

10. STABILITY AND REACTIVITY

Stability	Stable under normal conditions
Conditions to Avoid	No information available.

Incompatible Materials	No materials to be especially mentioned.
Hazardous Decomposition Products	No information available.
Possibility of Hazardous Reactions	None under normal processing

11. TOXICOLOGICAL INFORMATION

Acute Toxicity

Component Information **Chronic Toxicity**

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

12. ECOLOGICAL INFORMATION

Ecotoxicity

Contains no substances known to be hazardous to the environment or not degradable in waste water treatment plants

Persistence/Degradability	Not available
Bioaccumulation/ Accumulation	Not available
Mobility in Environmental Media	Not available

13. DISPOSAL CONSIDERATIONS

Waste Disposal Method	Dispose of in accordance with local regulations
Contaminated Packaging	Empty containers should be taken for local recycling, recovery or waste disposal
US EPA Waste Number	Not available

14. TRANSPORT INFORMATION

<u>DOT</u>	Not Regulated
<u>TDG</u>	Not regulated
<u>MEX</u>	Not regulated
<u>ICAO</u>	Not regulated
<u>IATA</u>	Not regulated

14. TRANSPORT INFORMATION

IMDG/IMO	Not regulated
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15. REGULATORY INFORMATION

International Inventories

TSCA	Complies
DSL	Complies
NDSL	Complies
EINECS	Complies
ELINCS	Does not Comply
ENCS	Complies
CHINA	Complies
KECL	Complies
PICCS	Complies
AICS	Complies

USA**Federal Regulations****SARA 313**

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and and Title 40n of the Code of Federal Regulations, Part 372.

Clean Air Act, Section 112 Hazardous Air Pollutants (HAPs) (see 40 CFR 61)

This product does not contain any HAPs.

State Regulations**California Proposition 65**

This product does not contain any Proposition 65 chemicals.

State Right-to-Know**Canada**

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and the MSDS contains all the information required by the CPR.

WHMIS Hazard Class

D2B Toxic materials

16. OTHER INFORMATION

Revision Date	12-Apr-2007
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Revision Summary	Not available
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Disclaimer

The information provided on this MSDS is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guide for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered as a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other material or in any process, unless specified in the text.

End of MSDS