



THE GARLAND COMPANY, INC.

Material Safety Data Sheet (MSDS)

MSDS Status: Current
Product Name: GAR-ROCK
Product Code: 1650
MSDS No.: 200108

Product Status: Active
Revision Date: 2009-12-22
Version: 2009.2

SECTION I - CHEMICAL PRODUCT/COMPANY IDENTIFICATION

Chemical Name: MIXTURE

CAS No.: NOT APPLICABLE

Product Description: Rapid setting concrete patch kit

Hazard Classification: **Health-** 2 **Flammability-** 0 **Reactivity-** 0

Manufacturer/Supplier: THE GARLAND COMPANY, INC. GARLAND CANADA, INC.
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SECTION II - HAZARDOUS INGREDIENTS/COMPOSITION

INGREDIENT	%WT	CAS No.	OSHA PEL (TWA)	AGCIH TLV (TWA)
MAGNESIUM OXIDE	<10	1309-48-4	10mg/m ³	10mg/m ³
SAND*	<100	14808-60-7	0.1mg/m ³ respirable dust	0.1mg/m ³
FLY ASH**	<10	63131-74-8	5mg/m ³ respirable dust	5mg/m ³

* Contains less than 0.1% w/w 531 or smaller Crystalline Quartz.

** Total dust 15 mg/m³.

SECTION III - HAZARDS IDENTIFICATION

PRIMARY ROUTES OF ENTRY: Inhalation, dermal.

EMERGENCY OVERVIEW: Dust particles of this product may cause temporary, but reversible respiratory damage

EFFECTS OF OVEREXPOSURE: Repeated inhalation of crystalline silica in excess of the TLV over extended periods can result in irreversible fibrosis of the lungs (silicosis). An IARC evaluation concluded that there is limited evidence that crystalline silica may be carcinogenic to humans.

EYE CONTACT: Abrasive action may cause damage to the outer surface of the eye.

SKIN CONTACT: In combination with water, dermal exposure may cause skin irritation in sensitive individuals.

INHALATION: Nuisance dust may cause temporary but reversible respiratory problems.

INGESTION: May result in nausea, vomiting or diarrhea. Product contains less than 0.1% materials identified as a carcinogen by NTP or OSHA.

* Materials are not known to be mutagenic, teratogenic or reproductive health hazards.

SECTION IV - FIRST AID PROCEDURES

EYE CONTACT: Flush eyes with plenty of water for 15 minutes while holding eyelids open. Get medical attention.

SKIN CONTACT: Remove contaminated clothing/shoes. Flush with water and wash with waterless hand cleaner. Follow by washing with soap and water. If irritation occurs, get medical attention. Do not reuse clothing until cleaned.

INHALATION: Remove victim to fresh air.

INGESTION: Get medical attention. Do not induce vomiting

SECTION V - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT: NON-FLAMMABLE
AUTOIGNITION TEMPERATURE: N/A
LEL (LOWER IGNITION TEMPERATURE): N/A
UEL (UPPER IGNITION TEMPERATURE): N/A

EXTINGUISHING MEDIA: This material does not give a flash point by conventional test methods. Use extinguishing agent suitable for type of surrounding fire.

SPECIAL FIRE FIGHTING PROCEDURES: Product does not burn, however, if present on a location on fire it is important to be aware that it hardens with water undergoing a non-violent exothermic reaction.

UNUSUAL FIRE AND EXPLOSION HAZARD: Magnesium oxide produces poisonous gas during

- A) SENSITIVITY TO IMPACT: No
- B) SENSITIVITY TO STATIC DISCHARGE: No

SECTION VI - ACCIDENTAL RELEASE MEASURES

No special actions are required for clean-up of spills or leaks of this material. Sweep up and return for reuse or discard.

SECTION VII - SAFE HANDLING AND STORAGE

Store in cool, dry place.

SECTION VIII - EXPOSURE CONTROL/PERSONAL PROTECTION

VENTILATION: Ventilation may be used to control or reduce airborne concentrations.

HAND PROTECTION: Impervious gloves are recommended.

EYE PROTECTION: Goggles or safety glasses are recommended to prevent eye contact.

RESPIRATORY PROTECTION: Where dust is excessive use a NIOSH approved dust mask.

SECTION IX - PHYSICAL/CHEMICAL CHARACTERISTICS

DENSITY: 102 ± 5 lb/ft³ (1.63 ± 0.08 g/cm³)
SOLUBILITY IN WATER: SLIGHT
% VOLATILES: NONE
APPEARANCE: DARK GRAY POWDER
ODOR: ODORLESS
PHYSICAL STATE: SOLID
VAPOR PRESSURE: NONE
VAPOR DENSITY: NONE
BOILING POINT: NOT APPLICABLE
FREEZING POINT: NOT APPLICABLE

SECTION X - STABILITY AND REACTIVITY DATA

STABILITY: Stable

INCOMPATIBILITY: Strong mineral acids, oxidizing agents.

HAZARDOUS DECOMPOSITION PRODUCTS: Combustion of magnesium oxide produces poisonous gas during fire.

WILL POLYMERIZATION OCCUR: No

SECTION XI - TOXICOLOGICAL INFORMATION

No information available

SECTION XII - ECOLOGICAL INFORMATION

No data available

SECTION XIII - DISPOSAL CONSIDERATIONS

Dispose according to Federal, state, county, and local requirements.

SECTION XIV - TRANSPORTATION INFORMATION

DOT-U.S./MOT-CANADA/INTL.

SHIPPING NAME: NON REGULATED MATERIAL
HAZARD CLASS: NOT REGULATED
IDENTIFICATION NUMBER: NOT REGULATED
PACKAGE GROUP: NOT REGULATED

SECTION XV - REGULATORY INFORMATION

Section 313: This product DOES NOT contain material(s) subject to the reporting requirements of Section under Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR 372.

VOC STATUS: 0 g/L VOCs. This product complies with all the the VOC codes including CA, MA, NJ, NY, and Jefferson County, KY for Architectural and Industrial Maintenance Coatings.

CA PROP 65: This product contains a chemical known to the State of California to cause cancer.

SECTION XVI - ADDITIONAL INFORMATION

CHANGES: New format. No changes from last revision.

Disclaimer

The information contained in this Material Safety Data Sheet has been prepared in accordance with the OSHA Hazard communication Standard CFR 1910.1200. This information relates specifically to the product designated and may not be valid for the product when used in combination with any other materials or products or in a particular process. The information is, to the best of our knowledge and belief, accurate and reliable as of the date compiled. However, no representation, warranty or guarantee is made as to its accuracy, reliability or completeness, whether originating within the company or not. The user should review this information, satisfy itself as to its suitability and completeness, and pass on the information to its employees or customers in accordance with applicable federal, state or local hazard communications requirements. We do not accept responsibility for any loss or damage which may occur from the use of this information.

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