



GARLAND MATERIAL SAFETY DATA SHEET

MSDS Status: Current
Product Name: BUTYL SEALING TAPE
Product Code: 6341
MSDS No.: 200198

Product Status: Active
Revision Date: 03/15/2002
Supersedes Date: 05/01/2000

SECTION I - CHEMICAL PRODUCT/COMPANY IDENTIFICATION

Chemical Name: MIXTURE

CAS No.: NOT APPLICABLE.

Product Description: A PRESSURE SENSITIVE TAPE USED FOR METAL BUILDING SEAMS AND AS A FLASHING

Hazard Classification: HEALTH - 1 FLAMMABILITY - 1 REACTIVITY - 0

Manufacturer/Supplier: THE GARLAND COMPANY, INC.
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24 HR EMERGENCY ASSISTANCE: 1-800-762-8225

SECTION II - HAZARDOUS INGREDIENTS/COMPOSITION

NON-HAZARDOUS INGREDIENTS	CAS NUMBER	PERCENTAGE (b.w.)
POLYBUTENE	9003-29-6	10-30%
SILICA, AMORPHOUS	7631-86-9	1-5%
CALCIUM CARBONATE	1317-65-3	50-70%
TALC	14807-96-6	5-10%

SECTION III - HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW: POSSIBLE CANCER HAZARD. CONTAINS A MATERIAL WHICH MAY CAUSE CANCER.

ACUTE HEALTH HAZARDS:

EYES: No known effects.

SKIN: No known effects.

INHALATION: Inhalation is not an anticipated route of exposure.

INGESTION: Not an anticipated route of exposure. Small amounts are not anticipated to be harmful.

EFFECTS OF CHRONIC EXPOSURE: This product contains the following substances identified by OSHA, WHMIS or the ACGIH as hazardous. During normal use, the

material will not present an exposure risk. Once the product has reached its final state and is abraded or disturbed, dusting may occur and crystalline silica may be released into the air. Long-term overexposure to crystalline silica may cause permanent lung damage and reduced pulmonary function. In such exposure instances, the following applies:

CALCIUM CARBONATE, CAS No. 1317-65-3, 50-70%
exposure limit total dust = 15 mg/m3 (OSHA), 10 mg/m3 (ACGIH)
exposure limit respirable dust = 5 mg/m3 (OSHA)

SILICA, AMORPHOUS, CAS No. 7631-86-9, 1-5%
exposure limit = 6 mg/m3 (OSHA), 10 mg/m3 (ACGIH)
LD50: 3160 mg/kg (oral, rat)

TALC (containing no asbestos fibers), CAS No. 14807-96-6, 5-10%
exposure limit total dust = 15 mg/m3 (OSHA), 10 mg/m3 (ACGIH)
exposure limit respirable dust = 2 mg/m3 (OSHA & ACGIH)

SILICA, CRYSTALLINE, CAS No 14808-60-7, 0.1-1.0%,
exposure limit respirable dust = 0.1 0.1 mg/m3 (OSHA), 0.1 mg/m3 (ACGIH)
LD50: No data found LC50: No data found

REGULATED CARCINOGEN STATUS: Crystalline silica is listed as a potential carcinogen by NTP and IARC.

EXISTING HEALTH CONDITIONS AFFECTED BY EXPOSURE: No known effects.

SECTION IV - FIRST AID PROCEDURES

EYE CONTACT: Flush immediately with water for 15 minutes. Consult a physician if irritation persists.

SKIN CONTACT: Wash material from skin with soap and water.

INGESTION: If person can swallow, give one glass of water or milk. Do not induce vomiting. Get immediate medical attention. Never give anything by mouth to an unconscious person.

SECTION V - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT/METHOD: >400°F (>204°C), Cleveland Cup

AUTOIGNITION TEMPERATURE: Not Applicable

LOWER EXPLOSION LIMIT: Not Applicable.

UPPER EXPLOSION LIMIT: Not Applicable.

APPROPRIATE EXTINGUISHERS: Use water spray, foam, dry chemical or carbon dioxide.

SPECIAL FIRE FIGHTING PROCEDURES: Persons exposed to products of combustion should wear self-contained breathing apparatus and full protection equipment.

UNUSUAL FIRE AND EXPLOSION HAZARD: None known

HAZARDOUS COMBUSTIONS PRODUCT: Incomplete combustion can yield low molecular weight hydrocarbons & carbon monoxide.

SECTION VI - ACCIDENTAL RELEASE

MEASURES

SPILL or LEAK PROCEDURES: Scrape up and place in disposal container.

SECTION VII - SAFE HANDLING AND STORAGE

HANDLING AND STORAGE PRECAUTIONS: AVOID PROLONGED, REPEATED CONTACT WITH THE SKIN. MAKE SURE THAT AIR INTAKES DO NOT DRAW ODOR INDOORS. DO NOT GET IN EYES OR ON SKIN. DO NOT BREATHE VAPORS.

KEEP OUT OF THE REACH OF CHILDREN.

SECTION VIII - EXPOSURE CONTROL/PERSONAL

PROTECTION

VENTILATION: General dilutions ventilation.

RESPIRATORY PROTECTION: Not normally required. Use NIOSH/MSHA approved respirator if conditions warrant.

SKIN PROTECTION: Not normally required.

EYE PROTECTION: Safety glasses.

SECTION IX - PHYSICAL/CHEMICAL

CHARACTERISTICS

PHYSICAL STATE:	Solid
APPEARANCE AND ODOR:	Grey, Neutral
SOLIDS BY WEIGHT:	100%
DENSITY:	1.54 g/cc (12.86 lb/gal)
pH:	Not applicable.
Boiling Range:	Not applicable.(as supplied)
Freezing/Melting Point:	Not established.
Vapor Pressure:	Not established.
Vapor Density:	Not established.
Evaporation Rate:	Not established.
Water/Oil Partition Coefficient:	Not established.

SECTION X - STABILITY AND REACTIVITY DATA

STABILITY: Stable.

HAZARDOUS DECOMPOSITION PRODUCTS: Not established.

INCOMPATIBILITY: Not established

WILL POLYMERIZATION OCCUR: No

SECTION XI - TOXICOLOGICAL INFORMATION

No information available.

SECTION XII - ECOLOGICAL INFORMATION

No data available.

SECTION XIII - DISPOSAL CONSIDERATIONS

Dispose of according to applicable Federal, State, and Local requirements.

SECTION XIV - TRANSPORTATION INFORMATION

	DOT-U.S./MOT-CANADA/Intl.
PROPER SHIPPING NAME:	NONREGULATED MATERIAL
HAZARD CLASS:	NOT APPLICABLE
IDENTIFICATION NO:	NOT APPLICABLE
PACKAGING GROUP:	NOT APPLICABLE

SECTION XV - REGULATORY INFORMATION

This material is a manufactured item that meets the definition of an "Article" under 29 CFR 1910.1200(c) and does not require a Material Safety Data Sheet as indicated under 29 CFR 1910.1200(b)(6)(v).

SARA313: This product DOES NOT contain material(s) subject to the reporting requirements of Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA) and 40 CFR part 372.

TSCA: This product is in compliance with the Toxic Substances Control Act's Section 8(b) Inventory requirements.

This product contains a chemical substance that is currently on the EPA's Section 12(b) Export List. Within seven days of entering into a contract to export and certainly no later than the day of export, the agent of export must notify the EPA of their intent. Contact the Garland Company, Lab Director at 216/641-7500 for identity of the Section 12(b) chemical(s).

VOC STATUS: VOCs 73g/L. This product complies with all the VOC codes, including CA, MA, NJ, NY, and Jefferson County, KY, for Architectural and Industrial Maintenance Coatings.

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

SECTION XVI - ADDITIONAL INFORMATION

CHANGES: CA Prop 65 notice SECTION XV.

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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Date: 05/01/2000

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