

Safety Data Sheet

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

Revision Date: N/A Date of issue: 02/23/2016

SECTION 1: IDENTIFICATION

Product Identifier
Product Form: Paste

Product Name: KEE-Lock Mastic

Product Code: 7303-3

Intended Use of the Product

Sealant

Name, Address, and Telephone of the Responsible Party

Manufacturer Supplier

The Garland Company, Inc.

The Garland Company, Inc.

The Garland Company, Inc.

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Emergency Telephone Number

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

SECTION 2: HAZARDS IDENTIFICATION

Classification of the Substance or Mixture

Classification (GHS-US)

 Flam. Liq. 4
 H227

 Skin irrit. 2
 H315

 Skin sens. 1
 H317

 Eye dam. 1
 H318

Label Elements GHS-US Labeling

Hazard Pictograms (GHS-US) :

GHS07

Signal Word (GHS-US) : Warning

Hazard Statements (GHS-US) : H227 – Combustible liquid.

H315 – Causes skin irritation.

H317 – May cause an allergic skin reaction.

H318 – Causes serious eye damage.

Precautionary Statements (GHS-US) : P210 – Keep away from heat/sparks/open flames/hot surfaces – no smoking.

P261 – Avoid breathing dust/fume/gas/mist/vapors/sprays.

P264 – Wash skin thoroughly after handling.

P272– Contaminated work clothing should not be allowed out of the workplace.

P280 – Wear protective gloves/protective clothing/eye protection/face

protection.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

Component

Name		Product Identifier	% (w/w)	Classification (GHS-US)
Amino Sila	ane	(CAS No) 1760-24-3	1-3	Flam. Liq. 4, H227
				Skin irrit. 2, H315
				Skin sens. 1, H317
				Eye dam. 1 , H318

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SECTION 4: FIRST AID MEASURES

Description of First Aid Measures

General: First Aid responders should pay attention to self-protection and use the recommended protective clothing (chemical resistant gloves, splash protection). If potential for exposure exists refer to Section 8 for specific personal protective equipment.

Inhalation: An unlikely route of entry. Remove to fresh air. Consult a physician.

Skin Contact: Clean product from affected area with Ethyl Alcohol, then wash with soap and water.

Eye Contact: Flush with large amounts of water for at least 15 minutes. Consult a physician if ill.

Ingestion: An unlikely route of entry. Consult a physician.

Most Important Symptoms and Effects Both Acute and Delayed

General: May be fatal if swallowed and enters airways. Causes serious eye irritation. Causes skin irritation.

Indication of Immediate Medical Attention and Special Treatment Needed

General: If medical advice is needed, have product container or label at hand.

SECTION 5: FIRE-FIGHTING MEASURES

Extinguishing Media

Suitable Extinguishing Media: Water, CO₂, Dry Chemical, Foam.

Unsuitable Extinguishing Media: Do not use direct water stream. May spread fire.

Special Hazards Arising From the Substance or Mixture

Hazardous Combustion Products: Thermal decomposition may product toxic fumes of Carbon Monoxide, Carbon Dioxide, Sulfur oxides and Hydrogen.

Fire and Explosion Hazards: May form flammable/explosive vapor-air mixture.

Advice for Firefighters

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

Protection During Firefighting: Do not enter fire area without proper protective equipment, including respiratory protection.

SECTION 6: ACCIDENTAL RELEASE MEASURES

Personal Precautions, Protective Equipment and Emergency Procedures

General Measures: Use personal protection recommended in section 8. Avoid eye, skin and clothing contact.

Environmental Precautions

Prevent from entering into soil, ditches, sewers, waterways and/or groundwater. See Section 12, Ecological Information.

Methods and Materials for Containment and Cleaning Up

For Containment: Contain spilled material if possible. Absorb with materials such as: Dirt. Vermiculite. Sand.

Methods for Cleaning Up: Collect spill with absorbent material such as cardboard, allow to cure and place into container approved for waste disposal.

SECTION 7: HANDLING AND STORAGE

Precautions for Safe Handling

General Handling: Use personal protection recommended in section 8. Avoid eye, skin and clothing contact.

Conditions for Safe Storage

General: Store in a cool, dry area. This product polymerizes when in contact with moisture.

Shelf Life: 6 Months at a storage temperature of 56 - 77°F (15 - 25°C).

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

Control Parameters

Appropriate Engineering Controls: Use only with adequate ventilation. Local exhaust ventilation may be necessary for some operations. Provide general and/or local exhaust ventilation to control airborne levels below the appropriate guidelines. Exhaust systems should be designed to move the air away from the source of vapor generation and people working at this point.

Personal Protective Equipment: Protective goggles. Gloves.





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Hand Protection: Wear impervious gloves such as vinyl to minimize contact with skin.

Eye Protection: Wear safety glasses or goggles to avoid eye contact.

Skin Protection: Wear impervious gloves such as vinyl to minimize contact with skin.

Environmental Exposure Controls: No specific controls are needed.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Information on Basic Physical and Chemical Properties

Physical State : Black paste
Color : Black

Odor : Mild mint scent
Odor Threshold : Not applicable
pH : Not applicable

Melting Point: No test data availableFreezing Point: No test data available

Boiling Point (760 mm Hg) : Not applicable

Flash Point – Closed Cup : No test data available Evaporation Rate (Butyl Acetate = 1) : No test data available

Flammability (solid, gas) : Not applicable

Flammability Limits in Air : Lower: No test data available; Upper: No test data available

Vapor Pressure : < 1 **Vapor Density (Air = 1)** : >1

Specific Gravity ($H_2O = 1$): Not applicableSolubility in Water (by wt): InsolubleDensity: 8.1 lbs/gal.Explosive Properties: Not explosive

% Volatile 2.5% **VOC** 24 g/L

SECTION 10: STABILITY AND REACTIVITY

Reactivity: This product polymerizes when in contact with moisture.

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

Possibility of Hazardous Reactions: Will not occur.

Conditions to Avoid: None known.

Incompatible Materials: None known.

Hazardous Decomposition Products: Thermal decomposition may product toxic fumes of CO and/or CO2.

SECTION 11. TOXICOLOGICAL INFORMATION

<u>Information on Toxicological Effects – Product</u>

Acute Toxicity: Not classified. LD50 and LC50 Data: Not available. Skin Corrosion/Irritation: Not available.

Serious Eye Damage/Irritation: Causes eye irritation. **Respiratory or Skin Sensitization**: Causes skin irritation.

Germ Cell Mutagenicity: No data available.

Teratogenicity: No data available.

Carcinogenicity: May cause cancer (inhalation).

Specific Target Organ Toxicity (Repeated Exposure): Not classified.

Reproductive Toxicity: No relevant data found.

Specific Target Organ Toxicity (Single Exposure): Not classified. **Aspiration Hazard**: May be fatal if swallowed and enters airways.

Symptoms/Injuries After Inhalation: May be fatal if swallowed and enters airways.

Information on Toxicological Effects – Ingredient(s)

LD50 and LC50 Data:

Amino Silane (1760-24-3)

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LD50, rat	> 2,000 mg/kg
LD50, Dermal Rabbit	> 2,000 mg/kg

SECTION 12: ECOLOGICAL INFORMATION

Toxicity

No known applicable information.

Persistence and Degradability

No known applicable information.

Mobility in Soil

Mobility in Soil: In the aquatic and terrestrial environment, movement is expected to be limited.

SECTION 13: DISPOSAL CONSIDERATIONS

Waste Disposal Recommendations: Dispose of waste material in accordance with all local, regional, national, and international regulations. Regulations may vary in different locations. Waste characterizations and compliance with applicable laws are the responsibility solely of the waste generator.

Unused and Contaminated Product: Preferred option includes sending to a licensed, permitted: Recycler, Reclaimer, Incinerator or other thermal destruction device. For additional information, refer to: Handling & Storage Information, SDS Section 7; Stability & Reactivity Information, SDS Section 10; Regulatory Information, SDS Section 15.

SECTION 14: TRANSPORT INFORMATION

14.1 In Accordance with DOT

Proper Shipping Name : Tars, liquid – NOT

REGULATED NON BULK

Hazard Class : 3

 Identification Number
 : UN1999

 Packing Group
 : III

14.2 In Accordance with IMDG

Proper Shipping Name : Tars, liquid

Hazard Class : 3

Identification Number: UN1999Packing Group: 3

14.3 In Accordance with IATA

Proper Shipping Name : Tars, liquid

Hazard Class : 3

Identification Number: UN1999Packing Group: 3

SECTION 15: REGULATORY INFORMATION

US Federal Regulations

OSHA 29 CFR 1910-1200 - Irritant.

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 – Immediate (acute) health hazard.

Section 313 - None

RCRA - Refer to section 13.

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California Proposition 65 Carcinogens: This product does not contain any chemicals known by the state of

California to cause cancer.

California Proposition 65 Reproductive Toxins: This product does not contain any chemicals known by the state of

California to cause reproductive harm.

Amino Silane (1760-24-3)			
Listed on the United States, TSCA (Toxic Substances Control Act)			
SARA 311/312	Immediate/acute health hazard		

Canadian Regulations

WHMIS Classification - D2B



SECTION 16: OTHER INFORMATION

Revision Date : Not Applicable

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 : The Garland Company, Inc.

Preparation of This Document 3800 East 91st Street

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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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