



# All-Knight Primer

## Safety Data Sheet

According To Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules And Regulations  
Revision Date: 05/13/2015 Date of issue: 06/01/2015

Version: 1.0

### SECTION 1: IDENTIFICATION

#### Product Identifier

**Product Form:** Mixture

**Product Name:** All-Knight Primer

**Product Code:** 7618

#### Intended Use of the Product

Tar Stain Blocking Roof Primer - Water Based. For professional use only.

#### Name, Address, and Telephone of the Responsible Party

##### **Manufacturer**

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

##### **Supplier**

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

Garland Canada, Inc.  
209 Carrier Drive  
Toronto, Ontario M9W 5Y8  
T-416-747-7995  
F-416-747-1980  
www.garlandco.com

#### Emergency Telephone Number

**Emergency Number** : 1-800-762-8225 24 hours

### SECTION 2: HAZARDS IDENTIFICATION

#### Classification of the Substance or Mixture

**Classification (GHS-US)**

Carc. 1B H350

Full text of H-phrases: see section 16

#### Label Elements

##### **GHS-US Labeling**

**Hazard Pictograms (GHS-US)** :



**Signal Word (GHS-US)** :

Danger

**Hazard Statements (GHS-US)** :

H350 – May cause cancer.

**Precautionary Statements (GHS-US)** :

P201 - Obtain special instructions before use.  
P202 - Do not handle until all safety precautions have been read and understood.  
P280 - Wear eye protection, face protection, protective clothing, protective gloves.  
P308+P313 - If exposed or concerned: Get medical advice/attention.  
P405 - Store locked up.  
P501 - Dispose of contents/container in accordance with local, regional, national, territorial, provincial, and international regulations.

#### Other Hazards

Not available

**Unknown Acute Toxicity (GHS-US)** Not available

### SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

#### Mixture

Name	Product Identifier	% (w/w)	Classification (GHS-US)
Distillates (petroleum), solvent-dewaxed heavy paraffinic, Baseoil - unspecified, [A complex combination of hydrocarbons obtained by removal of normal paraffins from a petroleum fraction by solvent	(CAS No) 64742-65-0	> 0.175	Carc. 1B, H350

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crystallization. It consists predominantly of hydrocarbons having carbon numbers predominantly in the range of C20 through C50 and produces a finished oil with a viscosity not less than 100 SUS at 100 °F (19cSt at 40 °C).]			
butyl glycoether	(CAS No) 111-76-2	1.28	Flam. Liq. 4, H227 Acute Tox. 4 (Oral), H302 Acute Tox. 4 (Dermal), H312 Acute Tox. 3 (Inhalation:vapour), H331 Skin Irrit. 2, H315

The specific chemical identity and/or exact percentage of composition have been withheld as a trade secret [29 CFR 1910.1200]. A range of concentration as prescribed by the Controlled Products Regulations has been used where necessary, due to varying composition.

Full text of H-phrases: see section 16

### SECTION 4: FIRST AID MEASURES

#### Description of First Aid Measures

**General:** IF exposed or concerned: Get medical advice/attention.

**Inhalation:** Not expected to be an inhalation hazard. If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing.

**Skin Contact:** Wash skin with plenty of water. Take off contaminated clothing. If skin irritation or rash occurs: Get medical advice/attention.

**Eye Contact:** Rinse eyes with water as a precaution.

**Ingestion:** Do NOT induce vomiting. Rinse mouth. Immediately call a POISON CENTER or doctor/physician.

#### Most Important Symptoms and Effects Both Acute and Delayed

No additional information available.

#### Indication of Any Immediate Medical Attention and Special Treatment Needed

No additional information available.

### SECTION 5: FIRE-FIGHTING MEASURES

#### Extinguishing Media

**Suitable Extinguishing Media:** Carbon dioxide. Foam. Water. Dry Chemical.

**Unsuitable Extinguishing Media:** Not available

#### Special Hazards Arising From the Substance or Mixture

**Fire Hazard:** Not flammable in liquid state.

**Explosion Hazard:** Product is not explosive.

**Reactivity:** Product is stable.

#### Advice for Firefighters

**Precautionary Measures Fire:** Exercise caution when fighting any chemical fire.

**Firefighting Instructions:** Use water spray or fog for cooling exposed containers. Exercise caution when fighting any chemical fire. Prevent fire-fighting water from entering environment.

**Protection During Firefighting:** Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing.

**Hazardous Combustion Products:** No additional information available.

#### Reference to Other Sections

Refer to section 9 for flammability properties.

### SECTION 6: ACCIDENTAL RELEASE MEASURES

#### Personal Precautions, Protective Equipment and Emergency Procedures

**General Measures:** Absorb spillage to prevent material damage.

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### For Non-Emergency Personnel

**Protective Equipment:** Use appropriate personal protection equipment (PPE).

**Emergency Procedures:** Evacuate unnecessary personnel.

### For Emergency Personnel

**Protective Equipment:** Do not attempt to take action without suitable protective equipment. For further information refer to section 8: "Exposure controls/personal protection".

**Emergency Procedures:** Evacuate unnecessary personnel. Eliminate ignition sources. Stop leak if safe to do so. Ventilate area. Prevent entry to sewers and public waters.

### Environmental Precautions

Avoid release to the environment. Notify authorities if product enters sewers or public waters.

### Methods and Material for Containment and Cleaning Up

**For Containment:** Contain any spills with dikes or absorbents to prevent migration and entry into sewers or streams.

**Methods for Cleaning Up:** Take up liquid spill into absorbent material. Notify authorities if product enters sewers or public waters. Dispose of materials or solid residues at an authorized site.

### Reference to Other Sections

See heading 8, Exposure Controls and Personal Protection.

## SECTION 7: HANDLING AND STORAGE

### Precautions for Safe Handling

Do not handle until all safety precautions have been read and understood. Wear personal protective equipment. Avoid contact with skin and eyes. Avoid breathing vapours. Ensure good ventilation.

**Hygiene Measures** Separate working clothes from town clothes. Launder separately. Do not eat, drink or smoke when using this product. Always wash hands after handling the product.

### Conditions for Safe Storage, Including Any Incompatibilities

**Storage Conditions:** Store locked up. Store in a well-ventilated place. Keep cool.

**Incompatible Materials:** Avoid contact with strong oxidizers.

### Specific End Use(s)

No additional information available.

## SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

### Control Parameters

For substances listed in section 3 that are not listed here, there are no established Exposure limits from the manufacturer, supplier, importer, or the appropriate advisory agency including: ACGIH (TLV), NIOSH (REL), OSHA (PEL), Canadian provincial governments, or the Mexican government

butyl glycolether (111-76-2)		
ACGIH	ACGIH TWA (ppm)	20 ppm
ACGIH	ACGIH STEL (ppm)	20 ppm
ACGIH	Remark (ACGIH)	Eye & URT irr
OSHA	OSHA PEL (TWA) (mg/m <sup>3</sup> )	240 mg/m <sup>3</sup>
OSHA	OSHA PEL (TWA) (ppm)	50 ppm

### Exposure Controls

**Personal Protective Equipment:** Gloves. Safety glasses.



**Hand Protection:** protective gloves

**Eye Protection:** safety glasses

**Skin and Body Protection:** Wear suitable protective clothing.

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**Respiratory Protection:** Wear respiratory protection.

**Environmental Exposure Controls:** Avoid release to the environment

**Consumer Exposure Controls:** Do not eat, drink or smoke during use

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

### Information on Basic Physical and Chemical Properties

Physical State	: Liquid
Appearance	: Translucent blue-green, thin liquid.
Odor	: Ammonia odor
Odor Threshold	: Not available
pH	: $\approx 8$ ( $\geq 10$ )
Evaporation Rate	: Not available
Melting Point	: Not available
Freezing Point	: Not available
Boiling Point	: 212 °F
Flash Point	: Not available
Auto-ignition Temperature	: Not available
Decomposition Temperature	: Not available
Flammability (solid, gas)	: Not available
Lower Flammable Limit	: Not available
Upper Flammable Limit	: Not available
Vapor Pressure	: Not available
Relative Vapor Density at 20 °C	: Not available
Relative Density	: Not available
Specific Gravity	: 0.96 (Water=1)
Solubility	: Water: Solubility in water of component(s) of the mixture : • butyl glycoether: Complete • xanthan gum: Complete • tertiary-octylphenoxypoly(ethoxyethanol): Complete • polyethylene glycol 200: Complete • 2-amino-2-methylpropanol: Complete • lithium hydroxide, monohydrate: 22.3 g/100ml
Partition Coefficient: N-Octanol/Water	: Not available
Viscosity	: Not available
Explosion Data – Sensitivity to Mechanical Impact	: Not available
Explosion Data – Sensitivity to Static Discharge	: Not available

## SECTION 10: STABILITY AND REACTIVITY

**Reactivity:** Product is stable.

**Chemical Stability:** Stable under normal conditions.

**Possibility of Hazardous Reactions:** Refer to section 10.1 on Reactivity.

**Conditions to Avoid:** Refer to Section 10 on Incompatible Materials.

**Incompatible Materials:** Oxidizing agent.

**Hazardous Decomposition Products:** hydrogen sulfide, sulfides. Carbon dioxide. Carbon monoxide.

## SECTION 11: TOXICOLOGICAL INFORMATION

### Information on Toxicological Effects - Product

**Acute Toxicity:** Not classified

butyl glycoether (111-76-2)	
LD50 oral rat	1746 mg/kg bodyweight (Rat; Equivalent or similar to OECD 401; Experimental value)
LD50 dermal rat	> 2000 mg/kg bodyweight (Rat; Experimental value; OECD 402: Acute Dermal Toxicity)

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LC50 inhalation rat (mg/l)	2.2 mg/l/4h (Rat; Experimental value)
LC50 inhalation rat (ppm)	450 ppm/4h (Rat; Experimental value)
ATE US (oral)	1746.000 mg/kg bodyweight
ATE US (dermal)	1100.000 mg/kg bodyweight
ATE US (gases)	450.000 ppmv/4h

<b>butyl glycolether (111-76-2)</b>	
ATE US (vapours)	2.200 mg/l/4h
ATE US (dust,mist)	2.200 mg/l/4h

<b>butyl glycolether (111-76-2)</b>	
IARC group	3 - Not classifiable

**LD50 and LC50 Data:** Not available

**Skin Corrosion/Irritation:** Not classified

**Serious Eye Damage/Irritation:** Not classified

**Respiratory or Skin Sensitization:** Not classified

**Germ Cell Mutagenicity:** Not classified

**Teratogenicity:** Not available

**Carcinogenicity:** May cause cancer.

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

**Specific Target Organ Toxicity (Single Exposure):** Not classified

**Aspiration Hazard:** Not classified

### **Information on Toxicological Effects - Ingredient(s)**

**LD50 and LC50 Data:** Not available.

## **SECTION 12: ECOLOGICAL INFORMATION**

### **Toxicity**

**Ecology - General:** This product may cause adverse environmental effects if used improperly or released to the environment through a spill. Employ best management practices to prevent this material from entering storm sewers systems, waterways or otherwise impacting plant and animal species.

### **Persistence and Degradability**

Not available

### **Bioaccumulative Potential**

Not established

### **Mobility in Soil**

Not available

### **Other Adverse Effects**

**Other Information:** Avoid release to the environment.

## **SECTION 13: DISPOSAL CONSIDERATIONS**

**Waste Disposal Recommendations:** The product, as supplied, is not regulated as a hazardous waste by the U.S. Environmental Protection Agency(EPA) under Resource Conservation and Recovery Act(RCRA) regulations. Comply with state and local regulations for disposal.

**Ecology – Waste Materials:** Avoid release to the environment.

## **SECTION 14: TRANSPORT INFORMATION**

### **In Accordance with DOT**

**Proper Shipping Name** : Not regulated

**Hazard Class** :

**Identification Number** :

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**Label Codes** :  
**Packing Group** :  
**ERG Number** :  
**In Accordance with IMDG**  
**Proper Shipping Name** : Not regulated  
**Hazard Class** :  
**Identification Number** :  
**Packing Group** :  
**Label Codes** :  
**EmS-No. (Fire)** :  
**EmS-No. (Spillage)** :  
**MFAG Number** :

### **In Accordance with IATA**

**Proper Shipping Name** : Not regulated  
**Packing Group** :  
**Identification Number** :  
**Hazard Class** :  
**Label Codes** :  
**ERG Code (IATA)** :

### **In Accordance with TDG**

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

## **SECTION 15: REGULATORY INFORMATION**

### **US Federal Regulations**

#### **All-Knight Primer**

Not listed on the United States TSCA (Toxic Substances Control Act) inventory

All components of this product are listed, or excluded from listing, on the United States Environmental Protection Agency Toxic Substances Control Act (TSCA) inventory except for:

lithium hydroxide, monohydrate	CAS No 1310-66-3	0.0146%
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### **US State Regulations**

California Proposition 65 - This product does not contain any substances known to the state of California to cause cancer and/or reproductive harm.

California Proposition 65 - This product does not contain any substances known to the state of California to cause cancer and/or reproductive harm

#### **butyl glycoether (111-76-2)**

U.S. - New Jersey - Right to Know Hazardous Substance List

U.S. - Pennsylvania - RTK (Right to Know) List

### **Canadian Regulations**

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.

#### **All-Knight Primer**

WHMIS Classification	Class D Division 2 Subdivision A - Very toxic material causing other toxic effects
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### SECTION 16: OTHER INFORMATION, INCLUDING DATE OF PREPARATION OR LAST REVISION

**Revision Date** : 05/15/2015

**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-800-762-8225

*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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