



## SAFETY DATA SHEET

### 1 PRODUCT AND COMPANY IDENTIFICATION

**Product Type:** Malarkey Synthetic, Mechanically-Attached, Field Underlayments

**SKU Numbers/Trade Names:**

**1029 Secure Start® Lite**

**1031 Secure Start® Plus**

**Use:** Steep Slope Underlayment

**Manufacturer:**

Malarkey Roofing Products

P.O. Box 17217

3131 N. Columbia Blvd.

Portland, OR 97217

Phone: 503-283-1191

[www.malarkeyroofing.com](http://www.malarkeyroofing.com)

**Emergency Contact:**

CHEMTREC®: 1-800-262-8200 (24 HOUR)

### 2 HAZARD(S) IDENTIFICATION

This product has no known adverse effect on human health.

**PRECAUTIONARY STATEMENTS**

- Read instructions before use.
- Do not handle until all safety precautions have been read and understood.
- Do not ingest.
- Wear proper Personal Protective Equipment including gloves and safety glasses where appropriate.

### 3 COMPOSITION / INFORMATION ON INGREDIENTS

Ingredients	CAS #	Ingredient %
Polypropylene	9003-07-0	75 - 80
Polyethylene	9002-88-4	0 - 6
Poly(ethylene-vinyl acetate)	24937-78-8	5 - 15

### 4 FIRST-AID MEASURES

No hazards which require special first aid measures. If any doubt or suspect symptoms exist, seek medical attention.

## 5 FIRE-FIGHTING MEASURES

**Extinguishing media:** Dry chemical, carbon dioxide, water, or foam

**Special firefighting procedures:** Molten polypropylene tends to flow or drip. Firefighters should wear NIOSH approved positive pressure breathing apparatus (SCBA) with full face mask and full protective equipment. Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

## 6 ACCIDENTAL RELEASE MEASURES

**Precautions if material is spilled or released:** Not applicable

## 7 HANDLING AND STORAGE

**Storage temperature:** Store away from heat and open flames in accordance with applicable laws and regulations.

**Precautions to be taken in handling and storage:** Follow recommended work practices and use recommended personal protective clothing and equipment.

## 8 EXPOSURE CONTROLS / PERSONAL PROTECTION

**Eye protection:** Safety glasses with side shields should be used when handling.

**Skin protection:** Must wear leather or cotton gloves during application and tear-off activities.

## 9 PHYSICAL AND CHEMICAL PROPERTIES

**Appearance:** Sheet material

**Odor:** Odorless

**Boiling point:** Not Applicable

**Specific gravity:** Not Applicable

**Vapor pressure:** Not Applicable

**Evaporation rate:** Not Applicable

**Solubility in water:** Insoluble

**Melting point:** 320-351°F (160-177°C)

**Flash point:** >608°F (>320°C)

**Flammability (Solid and Gas):** Not Applicable

## 10 STABILITY AND REACTIVITY

**Stability:** Stable

**Conditions to avoid:** Keep from heat, sparks, open flame and other sources of ignition. PRODUCT SHOULD NOT BE BURNED OR HEATED USING A DIRECT FLAME DEVICE. Molten product will drip and can cause severe skin burns.

**Hazardous combustion products:** Carbon monoxide or carbon dioxide during heating or burning. These combustion products are not expected unless product is heated or burned.

## 11 TOXICOLOGICAL INFORMATION

**Primary route of exposure:** Skin contact

**Exposure effects:** None known

## 12 ECOLOGICAL INFORMATION

No data available.

## 13 DISPOSAL CONSIDERATIONS

Recycling is recommended. This product has not been regulated as a hazardous waste.. Dispose in accordance with Federal, provincial/state, and local regulations. Do not burn.

## 14 TRANSPORT INFORMATION

This product is not regulated as a hazardous material for transport under 49 CFR or for vessel transport under the IMDG Code.

## 15 REGULATORY INFORMATION

Not applicable.

## 16 OTHER INFORMATION

### HMIS RATING

<b>HEALTH: 1</b>
<b>FLAMMABILITY: 1</b>
<b>REACTIVITY: 0</b>
<b>PERSONAL PROTECTION: B</b>



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