

MATERIAL SAFETY DATA SHEET

BREN Inc

Quality Marking Products Since 1972

Section 1 - Product and Company Identification

Product Name(s): Poly-Cut, Poly-Cut SC
Item Codes: PC, PCSC
Mfg. Name: BREN Inc.
Facility Address: 8256 Horton Hwy
College Grove, TN 37046
Telephone Number: (615) 395-7025
Fax Number: (615) 395-7015
Emergency Contact: None specified...
Email: Sales@BrenInc.com, Info@BrenInc.com

Section 2 - Composition/Information on Ingredients

	CAS Reg. No	%	
ACRYLIC POLYMER	9003-77-4	28-47	
WATER	7732-18-5	<53	
PUBLISHED EXPOSURE LIMITS	TWA (ppm)	STEL (ppm)	CEILING (ppm)
ACRYLIC POLYMER	NONE	NONE	NONE
WATER	NONE	NONE	NONE

Section 3 - Physical/ Chemical Characteristics

Solids 41-43% pH 9.0-10.0
Viscosity 700-1000 cps **Melting Point** 0-5° C **Boiling Point** 100° C
Vehicle Water **Particle size:** 35 micron average
Solubility in Water Dispersible
Appearance and Odor Milky white suspension, Slightly (Sweet)

Typically, this material retains good physical properties over a wide temperature range (-70 C to 150 C). It also is used at temperatures from -250° C to 200° C when the physical requirements are not as demanding.

To the best of our knowledge, the information contained herein accurate. However, neither BREN Inc. nor any of its' subsidiaries assumes any liability whatsoever for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards which exist.

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Section 5 - Fire Fighting Measures

Melting Point/Flash Point: Specific Hazards with Regard to Firefighting Measures: Melting point of base resin is 130°-135°C(266°-275°F). The flash(self ignition) point of HD PE is 350°C(662°F).
Material may ignite and burn above flashpoint. Decomposition will begin about 300°C(572°F) to produce carbon dioxide, carbon monoxide, water plus various hydro-carbons and aldehydes. The evolved gases may ignite and give rise to soot.
Material can accumulate static charges which can cause an incendiary electrical discharge.
Use water spray to cool fire exposed smfaces, protect personnel and extinguish fire.

Section 6 - Handling and Storage

Storage Conditions: ELECTROSTATIC ACCUMULATION HAZARD
Might accumulate significant static charge. Store in contact with ground to dissipate charge.

Storage Temperature: Ambient

Section 7 - Exposure Controls / Personal Protection

Engineering Measures: Not Normally Required.

Personal Protective Equipment

Respiratory Protection: Not Normally Required.

Hand Protection: Not Normally Required.

Eye Protection: Not Normally Required.

Ingestion: Not Normally Required.

Section 8 - Physical and Chemical Properties

Physical State: Mylar Film & 84 lb Kraft Paper.

Density: 5 mil (CC5B) & 7 mil (CC7B)

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Section 9 - Stability and Reactivity

Stability:	Material is stable under normal storage and handling conditions.
Conditions to Avoid:	Avoid exposure to high temperatures.
Materials to Avoid:	Avoid mineral acids, alkalis
Hazardous Decomposition Products:	CO, CO2 Polymerization will NOT occur

Section 10 - Toxicological Information

No data available.

Section 11 - Ecological Information

No data available.

Section 12 - Disposal considerations

Disposal Method: Burn in an adequate incinerator or bury in landfill in accordance with an applicable regulations. Any disposal practice must be in accordance with local, state and federal regulations.

Section 13 -Transportation Information

RID/ADR:	<i>No classification available.</i>
ADNR:	<i>No classification available.</i>
IMDG Code:	<i>No classification available.</i>
ICAO/IATA-DGR:	<i>No classification available.</i>
UN Number:	<i>No classification available.</i>

Section 14 - Regulatory Information *Not Regulated*

Section 15 - Other Information *No data available*

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