

# Cardolite® LITE 9001

## Polyol Resin

### Technical Datasheet

#### DESCRIPTION

Cardolite LITE 9001 is a light color polyol with medium to high functionality based on cashew nutshell liquid technology. This product provides excellent water and alkaline resistance and it can provide faster cure for polyurethane coatings and adhesives.

#### TYPICAL PROPERTIES

PROPERTY	SPECIFICATION	TEST METHOD
Color (Gardner)	≤ 10	ASTM D1544
Viscosity @ 25°C (cPs)	1,000 - 3,000	ASTM D2196
Hydroxyl Value (mg KOH/g)	150 - 210	ASTM D4274
pH	7 - 9.5	NTM-24

PROPERTY	TYPICAL VALUE	TEST METHOD
Appearance	Orange liquid	Visual
Density @ 25°C (kg/L) (lbs/gal)	0.99 8.26	ASTM D1475
Flash Point	> 100°C / 212°F	ASTM D93
Hydroxyl Equivalent Weight (g/mole)	267 - 374	Calculated
Moisture (%)	≤ 0.2	Karl-Fischer

Typical properties are not to be construed as specifications

## CURE PROPERTIES

	FORMULATION	TEST METHOD
MRS-5 (Poly MDI: NCO eq. wt 132.1)	41.6	
Cardolite LITE 9001 (pbw)	100	
Gel time, 50 g @ 25°C (min)	7 - 15	NTM-15
Thin film dry times, 8 mils (200 micron) @ 5°C (41°F) (hrs hard/through)	3.5 / 7.5	ASTM D5895

## REGULATORY STATUS

Please refer to the material safety data sheet (MSDS). Specific information regarding chemical inventory listing can be obtained from your local sales representative.

## SAFETY PRECAUTIONS

Please refer to the material safety data sheet (MSDS). Copies of the MSDS can be requested on the Cardolite website or via your local sales representative.

## STABILITY AND STORAGE

Cardolite products may absorb moisture and carbon dioxide when left in open containers, which could result in increased viscosity, discoloration, reduction of reactivity, and/or crystallization of the products. These products should be kept tightly sealed in their original containers when not in use, and stored in a cool, dry place.

## CONTACT INFORMATION



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