

# Cardolite® LITE 513DF

## Epoxy Reactive Diluent

### Preliminary Technical Datasheet

#### DESCRIPTION

Cardolite LITE 513DF is a light color, epoxy reactive diluent and modifier based on cashew nutshell liquid technology.

#### PROPERTIES

PROPERTY	TYPICAL VALUE	TEST METHOD
Color (Gardner)	< 6	ASTM D1544
Viscosity @ 25°C (cPs)	90 - 200	ASTM D2196
Epoxy Equivalent Weight (EEW) <sup>1</sup>	250 - 300	ASTM D1652-97

Typical properties are not to be construed as specifications

<sup>1</sup>Based on total product weight

#### APPLICATIONS

Cardolite LITE 513DF is suitable for coatings, adhesives and sealants, and composite applications that require lower viscosity, excellent corrosion protection and water resistance, and improved flexibility while maintaining high thermal and mechanical properties. LITE 513DF can be used in two-component and one-component epoxy systems.

#### ADVANTAGES

- Excellent dilution power
- Good hardness development at RT and low temperatures
- Excellent corrosion protection
- Good water resistance
- Improves flexibility and bond strength
- Good mechanical properties
- Excellent alternative to petroleum-based difunctional diluents
- Based on natural, renewable, non-food chain raw material feedstock

## REGULATORY STATUS

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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

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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

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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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