

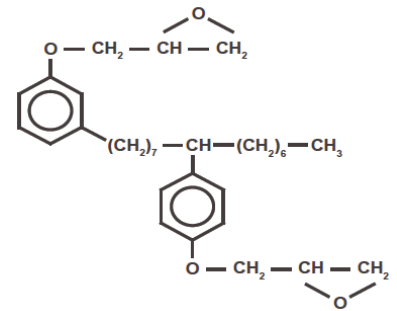
# Cardolite® NC-514S

## Flexible Epoxy Resin

### Preliminary Technical Datasheet

#### DESCRIPTION

Cardolite NC-514S is a di-functional glycidyl ether epoxy resin. The chain flexibility resulting from the 8 carbons that separate the aromatic groups increases flexibility when mixed with traditional resins without loss of properties.



CHEMICAL STRUCTURE

#### TYPICAL PROPERTIES

PROPERTY	TYPICAL VALUE	TEST METHOD
Appearance	Reddish brown liquid	Visual
Color (Gardner)	15 - 18	ASTM D1544
Viscosity @ 25°C (cPs)	1,000 - 3,000	ASTM D2196
Epoxy Equivalent Weight (EEW) <sup>1</sup>	350 - 500	ASTM D2074
Hydrolysable Chlorine (%)	≤ 0.5	Calculated
Volatile Loss (% by weight)	≤ 0.5	ASTM D2369-98
Density @ 25°C (kg/L) (lbs/gal)	1.026 8.562	ASTM D1475
Flash point	90°C / 194°F	ASTM D93

Typical properties are not to be construed as specifications

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

## 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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<http://www.cardolite.com>

Cardolite Corporation  
11 Deer Park Drive  
Suite 124  
Monmouth Junction, NJ  
08852  
United States of America

Cardolite Specialty  
Chemicals Europe NV  
Wijmenstraat 21K / 2  
B-9030 Mariakerke (Gent)  
Belgium

Cardolite Specialty Chemicals  
India LLP  
Plot No. IP-1 & IP-2, Mangalore  
Special Economic Zone  
Bajpe, Mangalore 574 142  
India

Cardolite Chemical  
Zhuhai Ltd.  
1248 Ninth Shihua Road  
Gaolan Port Economic Zone  
Zhuhai, Guangdong 519050  
P.R. China

T: +1-973-344-5015

T: +32 (0) 92658826

T: + 91 (0) 824 2888 300

T: +86-756-726-9066

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