

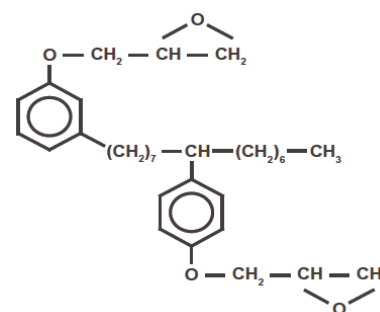
Cardolite[®] NC-514S

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

PROPERTIES

PROPERTY	TYPICAL VALUE	SPECIFICATION	TEST METHOD
Appearance	Reddish brown liquid		Visual
Color (Gardner)	≤18	-	ASTM D1544
Viscosity @ 25°C (cPs)	1,000 - 3,000	-	ASTM D2196
Epoxy Equivalent Weight (EEW) ¹	320 - 420	-	ASTM D1652-97
Hydrolyzable chlorine (%)	≤ 0.5	-	ASTM D1726-11
Volatile Loss (% weight)	≤ 0.5	-	ASTM D2369-98
Density @ 25°C (kg/L)	1.026	-	ASTM D1475
(lbs/gal)	8.62	-	
Flash point	>205°C / 400°F	-	ASTM D93
Shelf Life (Months)		-	-

¹Based on total product weight

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



<http://www.cardolite.com>

Cardolite Corporation
500 Doremus Avenue
Newark, NJ 07105
United States of America

T: +1-973-344-5015

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

T: +32 (0) 92658826

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

T: + 91 (0) 824 4289 777

Cardolite Chemical Zhuhai Ltd.
Biyang Road
Harbor Industrial Zone
Zhuhai, Guangdong 519050
P.R. China

T: +86-756-726-9066

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