

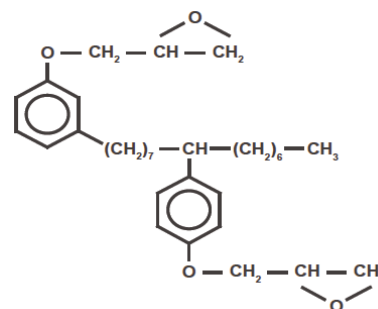
Cardolite[®] LITE 514HP

Flexible Epoxy Resin

Preliminary Technical Datasheet

DESCRIPTION

Cardolite LITE 514HP is a flexible di-functional glycidyl ether epoxy resin based on cashew nutshell liquid technology. The chain of 8 carbons separating the aromatic groups allows this resin to be used in conjunction with traditional epoxy resins or as a sole resin to increase flexibility, abrasion resistance, and water and chemical resistance without adversely affecting other properties. LITE 514HP is suitable for use in coatings, adhesives and composite applications.



CHEMICAL STRUCTURE

PROPERTIES

| PROPERTY | TYPICAL VALUE | TEST METHOD |
|--|---------------|---------------|
| Color (Gardner) | ≤ 10 | ASTM D1544 |
| Viscosity @ 25°C (cPs) | 3,000 - 6,000 | ASTM D2196 |
| Epoxy Equivalent Weight (EEW) ¹ | 280 - 330 | ASTM D1652-97 |

Typical properties are not to be construed as specifications

¹Based on total product weight

REGULATORY STATUS

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

SAFETY PRECAUTIONS

Please refer to the safety data sheet (SDS). Copies of the SDS 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
140 Wharton Road
Bristol, PA 19007
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: +1-800-322-7365

T: +32 (0) 92658820

T: + 91 (0) 824 2888 300

T: +86-756-726-9066

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