

# Cardolite<sup>®</sup> NX-5660

## Epoxy Curing Agent

### Preliminary Technical Datasheet

#### DESCRIPTION

Cardolite NX-5660 is a very low viscosity benzyl alcohol free, epoxy curing agent based on the latest phenalkamine technology.

#### PROPERTIES

PROPERTY	TYPICAL VALUE	TEST METHOD
Appearance	Reddish brown liquid	Visual
Color (Gardner)	≤ 16	ASTM D1544
Viscosity @ 25°C (cPs)	400-800	ASTM D2196
Amine Value (mg KOH/g)	320-350	ASTM D2074
Theoretical Active Hydrogen Equivalent (AHEW) <sup>1</sup>	110	Calculated
Density @ 25°C (kg/L) (lbs/gal)	1.025 8.56	ASTM D1475
Recommended Use Level (phr, EEW 190)	58	-

Typical properties are not to be construed as specifications

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

#### CURE PROPERTIES

	FORMULATION	TEST METHOD
Liquid Epoxy Resin (pbw, EEW 190)	100	
Cardolite NX-5660 (pbw)	58	
Gel time, 50 g @ 25°C (min)	15-30	NTM-15
Thin film dry times, 8mils (200micron)		
@ 25°C (77°F) (hrs hard/through)	2.5/4.0	ASTM D5895
@ 5°C (41°F) (hrs hard/through)	10/18	ASTM D5895
@ 0°C (32°F) (hrs hard/through)	16/23	ASTM D5895
Film appearance @ 10°C, 92% RH	Hazy	Visual

## REGULATORY STATUS

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Please refer to the material safety data sheet (SDS). 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 (SDS). Copies of the SDS 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  
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) 9 2658820

T: + 91 (0) 824 2888 300

T: +86-756-726-9066

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