

# Cardolite<sup>®</sup> NC-370

## CNSL Resin

### Technical Datasheet

#### DESCRIPTION

Cardolite NC-370 is solvent free, high viscosity resin used as a binder for friction products. Together with hexamine as cross-linking agent, NC-370 provides a heat-curable thermosetting resin system that offers all of the desirable characteristics of impact resistance, flexibility and thermal stability.

#### PROPERTIES

PROPERTY	SPECIFICATION	TEST METHOD
Viscosity @ 50°C (cPs)	25,000 – 80,000	NTM 13
Gel time @ 82°C (min)	20 - 45	NTM 24
Gel particles (visual), particles/g	≤ 20	NTM 97
Solids (%)	≥ 98	NTM 7
Iodine number	195 - 220	NTM 20

PROPERTY	TYPICAL VALUE	TEST METHOD
Shelf Life (Months)	6	-
Density @ 25°C (kg/L) (lbs/gal)	1.0 8.3	NTM 20

Typical properties are not to be construed as specifications  
<sup>1</sup>Based on total product weight

#### APPLICATIONS

Cardolite NC-370 provides excellent strength for heavy duty and rail applications.

#### ADVANTAGES

- Provides excellent strength
- Solvent free

## 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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