

# Cardolite<sup>®</sup> NX-9207

## Diol Resin

### Preliminary Technical Datasheet

#### DESCRIPTION

Cardolite NX-9207 is a polyester diol designed for polyurethane prepolymer synthesis and used as polyurethane intermediate. This product provides excellent tensile strength and elongation along with outstanding hydrolytic stability in aqueous solutions. NX-9207 is recommended for use in polyurethane hotmelts, coatings and adhesives.

#### TYPICAL PROPERTIES

| PROPERTY                            | TYPICAL VALUE          | TEST METHOD  |
|-------------------------------------|------------------------|--------------|
| Appearance                          | Pale yellow waxy solid | Visual       |
| Hydroxyl Value (mg KOH/g)           | 120 - 145              | ASTM D4274   |
| Hydroxyl equivalent weight (g/mole) | 387 - 468              | Calculated   |
| Acid value (mg KOH/g)               | ≤ 0.75                 | ASTM D4662   |
| Moisture (%)                        | ≤ 0.1                  | Karl-Fischer |

Typical properties are not to be construed as specifications

## 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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