

# Basonat<sup>®</sup> LR 9056

**Polyisocyanate for crosslinking of Polyacrylate - and PUR- dispersions with reactive groups**

## **Chemical Nature**

**Solvent-free polyisocyanate**

## **Properties**

### **Typical Properties**

Appearance	liquid
Viscosity at 23°C (73°F)	~ 1,500 – 3,000 cps
Shear rate D	1,000 s <sup>-1</sup>
Hazen color number	≤ 40
NCO content	~ 17.5 – 18.5%
NCO equivalent weight	~233

These typical values should not be interpreted as specifications.

The NCO equivalent weight indicates the amount of Basonat polyisocyanate as supplied containing 1 Mol of active NCO.

## **Application**

Basonat LR 9056 is an easily dispersible, low viscosity cross linking component for acrylic and PUR dispersions.

## **Processing**

Basonat LR 9056 can be stirred directly into the dispersion to be cross linked with a suitable stirrer. Care must be taken to achieve a homogeneous mixture. In general, 2 – 5 parts of Basonat LR 9056 should be added to 100 parts of dispersion. The pot life depends very much on its pH and composition, and must therefore be determined in tests along with the bond strength and creep resistance by the manufacturer.

## **Safety**

### **General**

The usual safety precautions when handling chemicals must be observed. These include the measures described in Federal, State and Local health and safety regulations, thorough ventilation of the workplace, good skin care and wearing of protective goggles.

### **Safety Data Sheet**

All safety information is provided in the Safety Data Sheet for Basonat LR 9056.

## **Storage**

Storage should be in accordance with the “Handling and Storage of polymer dispersions” brochure.

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