Basonat® LR 9056

Adhesive Raw Material

Product description

Basonat® LR 9056 is polyisocyanate based crosslinker for polymer dispersions containing reactive OH groups.

Key benefits

- Easy dispersible
- Long pot-life
- Solvent free

Chemical nature

Emulsifier-modified polyisocyanate based on isocyanurated hexamethylene diisocyanate

Properties

Physical form

Transparent, viscous liquid

Technical data
(not supply specification)

NCO content	DIN EN ISO 11909	17.5 – 18.5 %
Viscosity at 23°C	DIN EN ISO 3219	1,500 – 3,000 mPa s

Application

Basonat® LR 9056 can be directly incorporated into the formulated dispersion. It is recommended to add the Basonat LR 9056 slowly under stirring the dispersion to gain an optimum distribution in the water phase.

The OH and NCO groups cannot be expected to react stoichiometrically.

Generally, adding 2-5 parts of Basonat LR 9056 to 100 parts of the acrylic or polyurethane dispersion (solid on wet) will be sufficient. The optimum dosage rate for the application is usually determined empirically.

The pH value of the formulation decisively influences the pot life: the higher the pH, the shorter the pot life.

Storage

Basonat® LR 9056 is sensitive to moisture. The ideal temperature range for storage is 0 to 30 °C and under airtight conditions (exclusion of humidity and atmospheric oxygen).

Reaction with moisture will generate carbon dioxide which can lead to dangerous increase in pressure, while storage at high temperature will increase color and viscosity.

After re-filling from original containers, a shorter shelf-life should be expected. Containers should be flushed with nitrogen before re-sealing

Safety

When handling this product, please comply with the advice and information given in the safety data sheet and observe protective and workplace hygiene measures adequate for handling chemicals.

Note

The data contained in this publication are based on our current knowledge and experience. In view of the many factors that may affect processing and application of our product, these data do not relieve processors from carrying out their own investigations and tests; neither do these data imply any guarantee of certain properties, nor the suitability of the product for a specific purpose. Any descriptions, drawings, photographs, data, proportions, weights, etc. given herein may change without prior information and do not constitute the agreed contractual quality of the product. The agreed contractual quality of the product results exclusively from the statements made in the product specification. It is the responsibility of the recipient of our product to ensure that any proprietary rights and existing laws and legislation are observed.

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