



CATALYST AT5/N

Chemical description

CATALYST AT5/N is a polyfunctional aziridine product.

Main use

CATALYST AT5/N is an high molecular weight polyaziridine crosslinker that can be used as cross-linking agent for acrylic emulsions and polyurethane dispersions.

Typical values

Appearance at 25 °C:	opalescent liquid
Solid content, %:	63.0-65.0

Product properties

Solvent content, % :

~ 35% Di(propylene glycol) methyl ether

Please contact our sales representatives for test methods details.

Applications

CATALYST AT5/N must be added under stirring, just before coating application; once added to water based formulations the product will slowly hydrolyze. Suggested dosage levels are in the range from 1 to 3% based on total formulation.

The pot life of the crosslinked systems, in order to get the best efficiency, must be determined experimentally, but normally it takes maximum 8-10 hours.

CATALYST AT5/N gives glossy and transparent coatings with improved adhesion to substrate, chemical, mechanical, water and UV light resistances.

CATALYST AT5/N is normally compatible with water based resins; nevertheless a preliminary check of compatibility is recommended.

Storage and handling

CATALYST AT5/N must be kept away from direct light, in closed containers, in dry conditions and at temperatures between +10 °C and +35°C. If stored under these conditions, CATALYST AT5/N is stable for 12 months after production date.

Packaging

CATALYST AT5/N is available in 25 kg pails.

Material safety

Please consult the CATALYST AT5/N safety data sheet before its use.

Regulatory information

In case compliance with specific regulations is required please contact our sales representatives.

surfacetreatment.lamberti.com

This information and our technical recommendations, if any, both verbal and in writing, are given to the best of our knowledge, without any express or implied warranty, e.g., regarding their fitness for a specific purpose. Each user of our products is the sole responsible for assessing and ensuring compliance with all legal regulations including intellectual property laws and necessary certifications and authorizations with respect to the use, combination and processing of our products. Our technical recommendations do not release the user from the obligation to check its validity and to test our products as to their suitability and fitness for the intended processes and uses. The application, use and processing of both our products and the products manufactured by the user (on the basis of our technical recommendations, if any) are beyond our control and, therefore, the user is the sole responsible for them. Detailed information and instructions on handling the products and cautions to be observed in the use of them are available in our relevant Safety Data Sheet.