

Technical Data Sheet

XA4095/00 NON-AZIRIDINIC CROSS-LINKER FOR WATERBORNE COATINGS

supersedes previous issue (VS1388/00) dated 10/04/02

DATE 21/02/03

Area of use:	To be added to waterborne coatings in order to increase hardness, chemical resistance and blocking resistance.
Method of use:	Add at 1-2% to waterbased coating.
Shelf-life (months):	12

General characteristics

XA4095/00 is a cross-linker for waterborne coatings.

When added at a concentration of 1-2% it considerably improves hardness, abrasion resistance, resistance to aggressive chemicals and blocking resistance.

It should be used in all situations in which these characteristics are particularly desirable (e.g. topcoats for furniture requiring hardness and high chemical resistance, topcoats for door and window frames to be located in countries with particularly hot climates, etc.).

XA4095/00 loses its effectiveness within 48 hours after being added to the coating. After this time it is necessary to add fresh cross-linker, mixing the product left over with an equal quantity of fresh material.

The addition of XA4095/00 to basecoats or self-sealers must be evaluated carefully, as it may cause cissing or poor adhesion problems of the topcoat. If further coats are applied more than 2 hours apart, sand the basecoat well.

XA4095/00, when added at 2% to waterborne products before use, promotes adhesion on glass. Given the variety of products available on the market, a preliminary adhesion test is anyway required.

Method of use

Because of the high viscosity, XA4095/00 is to be added in the percentages shown above and under stirring conditions (preferably mechanical).

N.B.: DATA PROVIDED ON THIS TECHNICAL DATA SHEET CORRESPOND TO OUR BEST KNOWLEDGE AND EXPERIENCE. WE ASSURE CONSISTENCY ON THE CHEMICAL-PHYSICAL CHARACTERISTICS OF OUR PRODUCTS, WITHIN THE TOLERANCE LIMITS SPECIFIED ON OUR TECHNICAL DATA SHEETS. RESPONSIBILITY OF FINAL RESULT OF PRODUCT APPLICATION IS FULLY UP TO THE USERS, WHO SHALL MAKE SURE THAT THE PRODUCT CORRESPONDS TO THEIR OWN NEEDS WITH REGARD TO APPLICATION SYSTEM, TO SUBSTRATES USED AS WELL AS TO WORKING CONDITIONS.

WARNING: ACTUAL VISCOSITY OF SOME PIGMENTED AND/OR THIXOTROPIC PRODUCTS MAY DIFFER FROM THE VISCOSITY SHOWN ON THE TECHNICAL DATA SHEET. DIFFERENCES ARE TO BE REGARDED AS ACCEPTABLE IF WITHIN 30% MAXIMUM.

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Company under the direction and coordination of The Sherwin-Williams Company, USA

If not stirred when being added to the coating, it may generate clots which would force product filtration to make it applicable.

The introduction of crosslinking agent in a product, normally does not involve viscosity changes; however, a dosage exceeding 2% does increase viscosity and might cause gelling.

The crosslinked product left the day before is to be re-used as a 1:1 blend with fresh product. The blend is then to be added the crosslinker as if it was all fresh product.

Special instructions

This product is for professional use only.

Not recommended for DIY use.

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