

TECHNICAL DATA SHEET

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

XA 4095**NON-AZIRIDINIC CROSS-LINKER FOR WATERBORNE COATINGS**

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

XA 4095 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.). XA 4095 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 XA 4095 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.

XA 4095, 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, XA 4095 is to be added in the percentages shown above and under stirring conditions (preferably mechanical).

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.