

## ECOFIX HF-X

### Main Description:

Highly effective crosslinker for Pigment Printing.

### Chemical Structure:

Ecological product based on polyfunctional aziridine.

### Technical Specification:

Appearance at 20-25°C

White Liquid

pH Value at 20-25°C

Approx. 6.0-8.0

### Properties:

- ECOFIX HF-X in a printing paste significantly reduces the polymerization temperature of the printing paste to about 100 to 110 °C.
- ECOFIX HF-X, due to its functional groups, accelerates the polymerization of the resins, achieving excellent washing fastnesses and a significant improvement in wet rubbing fastness.
- It doesn't modify the colors.
- It has been formulated with environmentally friendly ingredients, making it a sustainable choice.
- It is safe for use in various textile applications, including those that come into contact with skin.
- In certain resins that cross-link at low temperatures, the presence of ECOFIX HF-X in the paste notably increases the fastnesses of the printing to dry and wet rubbing.

### Application:

ECOFIX HF-X can be used from **2 to 4%** with ECOPRINT range, depending upon the final requirement, to improve the wet rubbing and wash fastness of pigments.

**Crosslink at 80 to 100 °C for 2-1 Min. Or**

**Crosslink at room temperature for 24 hours.**

### Storage:

The product is stable for 12 months, whenever it is kept in the original containers, well-closed and protected from weather inclemencies at a maximum temperature of 35 °C.



Information concerning the safety regulations can be taken from the Material Safety Data Sheet of this product. We reserve the right to modify the product and technical leaflet. Our department for applied technique is always at your service for further information and advice. Our technical advice and recommendations given verbally, in writing or by trials are believed to be correct. They are neither binding with regard to possible rights of third parties nor do they exempt you from your task of examining the suitability of our products for the intended use. We cannot accept any responsibility for application and processing methods which are beyond our control.