

## Curing Agent WS 5

### Description

CURING AGENT WS 5 is a cross-linking agent (water dispersion of modified ethylenurea), developed to improve the cohesion of water-borne adhesives.

### Application

When CURING AGENT WS 5 is added to aqueous binders (acrylic or SBR latex), a heat treatment after drying consistently improves cohesion and moisture resistance of the film.

Where added to textile finishing agents, it will remarkably improve the resistance to washing and abrasion.

### Packaging

The product is supplied in plastic tanks (10 kg); plastic drums (100 kg).

### Storing

CURING AGENT WS 5 must be stored at temperatures between 10 and 40°C. Freezing temperature is around -3°C. When frozen, it cannot be restored to previous conditions.

Stir periodically in case of prolonged storage.

Use within 6 months from production date (unopened and in the original packaging).

## Technical Specifications

Method of analysis	MU	Standard
1. Total Solids	%	27.5±1
3. Brookfield Viscosity 25°C	mPa.s	< 150 <sup>(1)</sup>
8. pH Solvents	pH	8.5 - 11 water

<sup>(1)</sup> No 1 RV; 100 RPM

### Handling

Suggested quantity is 1 - 4%. CURING AGENT WS 5 can be added directly to the dispersion; then it is necessary to dry all water off, and the product must be exposed to heat in order to achieve an excellent cross-linking. Best curing conditions: 80 °C for 3 minutes.

Pot-life of compound is 24-36 hours.