

## Crosslinking Agent

**Application:** Polyfunctional isocyanate as crosslinking agent for polymer emulsions with reactive groups. Especially for the product series 764.xx for high gloss lamination.

**Characteristics/** This crosslinking component will substantially increase the adhesive properties of reactive dispersions and substrates.  
**Directions**

**for Use:** Food contact regulations: Status of the product upon request.

Add the crosslinking component to the respective dispersion while stirring (spiral drill attachment). This guarantees that the crosslinking agent is mixed homogeneously; careful mixing is a prerequisite for good lamination results. Mixing ratio: 5 parts by weight of Jowat® Crosslinking Agent 195.79, and 100 parts by weight of the emulsion. Depending on the requirements, the amount of crosslinking agent added may vary from 3 to 8 %. Max. pot life: approx. 4 hours. After that time, the crosslinking agent will no longer be efficient. Since this agent undergoes a continuous loss in effectivity, the results will be best immediately after mixing. To ensure fast and uninterrupted processing, the amount to be mixed should therefore be limited. Containers used to pre-mix with 195.79 may not be closed since they might burst (formation of CO<sub>2</sub>).

Please, refer for further information on handling and for guidelines to the respective material safety data sheet and processing instructions.

Appearance: yellowish translucent

**Specification:** Viscosity at 20 °C [mPas]: 600 ± 100  
(Brookfield, Thermosel, spindle 2, 20 rpm)  
Density at 20 °C [g/cm<sup>3</sup>]: 1.17 ± 0.02  
(Jowat test method)  
Solids content, 2 h at 90 °C [%]: 61 ± 2  
(Jowat test method)

**Storage:** In properly closed original containers, cool and dry (15 – 25 °C). Best-before date, please refer to label on the packaging unit. Protect against frost!

**Packaging:** Types of packaging and units upon request.

**Remarks:** **For further information concerning safety, handling, transport and disposal, please refer to the Safety Data Sheet.**

Our information on this data sheet is based on test results from our laboratories as well as on experience gained in the field by our customers. It can, however, not cover all parameters for each specific application and is therefore not binding for us. The information given in this leaflet represents neither a performance guarantee nor a guarantee of properties, nature, condition, state or quality. No liability may be derived from these indications nor from the recommendations made by our free technical advisory service.

06/17 All data indicated are characteristics represented as average values. Our technical data sheets are constantly revised to represent the latest state of technology. This edition is replacing all previous ones, and is valid on the date of compilation.  
Please refer to the last page of this technical data sheet for additional information.

## **Jowat Information**

Gluing as one of the most efficient methods of bonding is constantly gaining importance and expanding into new areas of application. At the same time, the number of substrates to be bonded is also growing at an unprecedented rate. New methods and equipment to process adhesives are developed.

The in-house R & D departments of Jowat are responding with intensive efforts to keep pace with these constant changes. A highly qualified team of chemists and engineers is using the latest techniques and brightest ideas to provide the utmost in advice our customers and to make sure that they get the adhesive which meets their needs.

Our information is based on test results from our laboratories as well as on experience gained in the field by our customers. This advice, however, cannot cover all eventualities for each specific application and as such is not binding for us. Please, contact our technical service department in each case to find out what the actual technical state of development for the respective product is, and request the latest data sheet. Any use of our product without this precautionary measure would be your sole responsibility.

The processing company itself must therefore test the adhesives manufactured by us for suitability in each individual case. This applies to the first use of a sample as well as to modifications during an ongoing production.

We are therefore requesting all our new customers to test our adhesives for suitability on original parts at conditions equal to normal processing conditions. The bond has then to be subjected to the actual stress which it would undergo when in use and has to be assessed. This test is absolutely necessary.

Customers who undertake modifications during a running production are requested to pass this information on to us. Please notify us when machines are set to new parameters as well as when the substrates to be bonded are changed. Only then will Jowat be able to provide our most up-to-date information to the processor using our adhesives.

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