



## DANCURE W800

### DESCRIPTION

DANCURE W800 is a blocked isocyanate crosslinker. The crosslinker is based on an HDI trimer. Thermal activation occurs at temperatures of at least 120°C.

After activation by cleavage of a pyrazole compound, additional isocyanate groups are formed, which are available for crosslinking with polyol components.

DANCURE W800 is suitable for water-based polyurethane systems, one-component PU coatings, and adhesives. The use of the crosslinker enables improved properties, e.g., in terms of temperature resistance, flexibility, impact resistance, and adhesion.

### PRODUCT CHARACTERISTIC

	Values	Method
Appearance	White emulsion	
Solid content	~ 40 %	
Viscosity	50 – 300 mPa.s	at 23 °C
Free NCO content (weight %)	~ 4,2 %	
pH value	6 – 8	

### APPLICATION

#### Areas of Application:

- Crosslinkers for one-component, water-based polyurethane coatings
- Crosslinkers for textile coatings
- General industrial coatings

### PROCESSING

DANCURE W800 is added to aqueous dispersion and paste systems during adhesive production. To prevent premature crosslinking during production or storage, the processing temperature should not exceed 80 °C.

The formulation containing DANCURE W800 is stable for approximately 6 months at 30 °C (experience has shown that this can be longer; testing with original formulations is required). The reaction takes place after application of the formulation in the temperature range of 120–220 °C. Optimum crosslinking temperatures are 120–180 °C.

### STORAGE

This product should be stored in a cool, dry place. Avoid direct sunlight and frost. The storage temperature should be between 15 and 30 °C.



## PRODUCT SAFETY

DANCURE W800 contains polyisocyanate that is semi-volatile at room temperature. When processing larger quantities, ensure good ventilation and extraction of fumes/dust. When processing at high temperatures, inhalation of fumes/spray must be avoided at all costs.

\* For further information, please refer to our safety data sheet.


## PACKAGING


25 kg, 200 kg /drum, 1.000 kg IBC.



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