



Curing Agent W 9

(Provisional)

Description

CURING AGENT W9 is a liquid polyisocyanate, emulsifiable in water. Acrylic and PU dispersion polymers can be efficiently cross-linked with this product.

The product is diluted in a non-toxic solvent: 1,2-propylene glycol diacetate, CAS 623-84-7.

Application

CURING AGENT W9 is suggested for water based adhesives, varnishes, lacquers, etc.

Technical Specifications

Method of analysis	MU	Standard
1. Total Solids	%	80±1
18. NCO Content	%	14 - 16

Handling

CURING AGENT W9 can be added directly to the dispersions, just before final application. The quantity of CURING AGENT W9 depends on the product that has to be cured and on the desired final effect, suggested quantity is 0,5-1,8%

Pot life of compound depends on the total solid and on the temperature (it is between 4 and 8 hours).

We suggest a preliminary lab test to verify pot-life, heat stability and behaviour of the mixture.

Packaging

10 kg plastic pails; 200 Kg drums.

Storing

Polyisocyanates react with water, including atmospheric moisture, with formation of carbon dioxide, which can cause too high pressures in closed containers and form solid insoluble polyureas, which can block pipes, valves, etc. CURING AGENT W9 must be stored in well closed original plastic drums or aluminum/glass bottles, at temperatures between +5°C and +35°C. At higher temperatures it can develop hazardous vapors. Opened drums must be protected from moisture penetration (use silica gel drying tube or nitrogen atmosphere systems). In original drums shelf life is at least 6 months, with a slight increase of viscosity.

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

Notes

Use protective devices for chemicals. A good ventilation of the working area it is recommended, is necessary to wear skin protection and safety glasses.