

AQUENCE CATALYST 6920

known as: DORUS R 6920
November 2013

Description:

AQUENCE CATALYST 6920 is a liquid isocyanate, suitable for use as a cross-linking agent in a variety of solvent and water based adhesives at room temperature.

AQUENCE CATALYST 6920 increases the resistance of the bonds to heat, grease, oils, plasticisers and numerous organic solvents, and it gives very good adhesion to many materials, in particular plastics.

Typical Properties:

Appearance:	Clear liquid
Viscosity:	High Solids: 100% Specific
Gravity :	Approx. 1.1

Directions for Use:

AQUENCE CATALYST 6920 should be added a rate of 2 to 5% by weight into the adhesive to be cross-linked and mixed using a mechanical stirrer for at least 10 minutes.

AQUENCE CATALYST 6920 should only be added to the adhesive immediately prior to use. The pot life of the mixed adhesive will be approx. 8 hrs at 25°C.

AQUENCE CATALYST 6920 is stirred into the dispersion glue till a homogeneous mix is formed (approx. 10mins). Some foam that may be possibly created by mixing can be removed by slow stirring. For gluing use only freshly prepared glue mix within the given potlife. The open times and setting times of the waterbased adhesives are not significantly changed when the hardener is added. The values as well as the processing instructions given in the datasheets of the basic glues are the same. Often the rubber of rollers can swell or even be dissolved under certain circumstances. Ask your supplier of rollers whether the rubber material used is resistant to aliphatic polyisocyanate.

Supplementary Products :

Previously called Bondmaster 6920 or Dorus R 397.

Limitations:

AQUENCE CATALYST 6920 is moisture reactive and shows strong adhesion properties. Containers should be kept tightly sealed at all times. Reseal IMMEDIATELY after use. Ensure that spilled material is wiped away from the thread of the opening. It is recommended that a smear of petroleum jelly be applied to the thread before resealing to provide a good seal and to prevent possible sticking of the lid.

Clean Up:

Dried material may be removed by mechanical abrasion.

NB: Empty containers, rags used for cleaning etc. MUST be decontaminated BEFORE disposal. Soaking in the following solution overnight will accomplish this:

Water	90	-	95%	Sodium
Carbonate	5	-	10%	Liquid
detergent	0.2 - 0.5%			

The solution may be saved and re-used up to 5 times before disposal.

Storage and Handling:

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Please read the Material Safety Data Sheet for this product BEFORE it is used .

Keep covered when not in use to prevent contamination and drying out.
Product must be stored in compliance with local and federal storage regulations.
Product should be stored between 5°C and 30°C on a wooden pallet and kept from freezing. Use only in a well ventilated area. Avoid breathing fumes or vapours and contact with skin. Use strict stock rotation practices using the oldest batches first.

If the product is classed as a dangerous good, ensure that the product is stored in compliance with the applicable dangerous goods storage regulations. Refer to the products Material Safety Data Sheet for the dangerous goods classification.

Shelf Life:

Best used within 6 months from date of manufacture when stored under the above conditions in the original unopened containers.

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