



Product Information

Aqualink U-HT

Product Description

Aqualink U-HT (formerly Aqualink DP 425-14) is an aqueous dispersion of an isocyanate dimer which has been chemically blocked to make it stable in the presence of water. It has been formulated to have improved stability over Aqualink U and is recommended where finished adhesive is stored for prolonged periods. It has been designed for use in combination with polyurethane dispersions and other water based polymers in the manufacture of one-part water-based heat activated adhesives such as membrane and 3D press applications

Product Features

- Supplied as a stable non-hazardous dispersion
 - Good stability when formulated with PUDs and other polymers
 - No mixing or pot life issues
 - Isocyanate activates at line temperatures of 65 - 70°C
 - Fast in-press crosslinking
- Can be used to meet and exceed BS 6222/6250 heat resistance standard

Typical Properties (provisional)

- Total solid content 43%
 - Active solid content 40%
 - Viscosity (RVT) 2000 cps
 - pH 9.5
 - Particle size 5 microns
- Isocyanate content Approx. 9%

Application & Dosage

Typical addition level is 5 - 7 parts addition to 100 parts of wet polymer dispersion.

Packaging and Storage

Aqualink U-HT dispersion is available in 50 and 200kgs HDPE drums. This product must be stored in dry, cool conditions (between 5 and 20°C) and away from direct heat or sunlight and it should be protected from freezing. Under standard storage conditions, U-HT has maximum shelf life of 6 months. Use is recommended within 4 months of supply. Do not open container if beyond shelf life. Periodic, slow speed mechanical agitation is recommended when using this product

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