



C.T.S. ESPAÑA

Productos y Equipos para la Restauración, S.L.

C/. Monturiol, 9 - Pol. Ind. San Marcos

28906 GETAFE (Madrid)

Tel.: +34 91 601 16 40 (4 líneas) - Fax: +34 91 601 03 33

www.ctseurope.com · E-mail: cts.espana@ctseurope.com

UHU

Technical Data Sheet

UHU hart

UHU hart is a colourless quick-drying solvent adhesive for the bonding of small components in do-it-yourself work, model building and jobs in the home.

Specification:	Appearance	Colourless, highly transparent solution
	Consistency	Medium viscosity
	Viscosity [dPa·s]:	80 - 110
	Base	Cellulose nitrate
	Solvent	Mixture of low-boiling esters
	Solid Content [%]:	approx. 30
	Density [g/cm ³]:	approx. 0.94
	Flashpoint [°C]:	-13
	Directives:	highly flammable, irritant
	Danger symbol:	F, Xi
	Danger class (VbF):	A I

Properties:

UHU hart exhibits good adhesive properties on balsa, wood, wood materials, glass and other silicates and also on metal and other silicates as well as many plastic materials used in model building. The UHU hart adhesive film is resistant to water, diluted acids and alkalis, oils and greases.

UHU hart is dissolved by solvents such as acetone, ethyl acetate etc.

Bond strengths:

The following tensile strength values were obtained on beechwood test specimens:

after 1 hour	approx. 260 N/cm ²
after 24 hours	approx. 550 N/cm ²
after 1 week	approx. 740 N/cm ²

Heat resistance values:

at 40 °C	approx. 420 N/cm ²
at 50 °C	approx. 350 N/cm ²
at 60 °C	approx. 270 N/cm ²
at 80 °C	approx. 250 N/cm ²
at 90 °C	approx. 240 N/cm ²
at 100 °C	approx. 180 N/cm ²

UHU hart is distinguished by a rapid setting of the adhesive and an only slight tendency to run during working.

Physiological Properties:

The dry adhesive is inert, completely neutral and physiologically safe.

Directions for use:

The surfaces for bonding must be clean, dry and free of oil, grease and dust. One or both components for bonding are spread with adhesive, depending on the requirement, and joined immediately.

Applications:

In addition to its numerous possible uses as an adhesive, UHU hart can also be used for the sealing of wood or paper surfaces, for the stiffening of force-transfer joints on models (reinforcement of impact edges) and for the stiffening of light woods and pieces of textile (profiling).



C.T.S. ESPAÑA

Productos y Equipos para la Restauración, S.L.

C/. Monturiol, 9 - Pol. Ind. San Marcos

28906 GETAFE (Madrid)

Tel.: +34 91 601 16 40 (4 líneas) - Fax: +34 91 601 03 33

www.ctseurope.com · E-mail: cts.espana@ctseurope.com

UHU

Technical Data Sheet

UHU hart

Cleaning:

Smearred adhesive should be wiped off as soon as possible. Dried residues and spots on the clothing can be removed with the UHU dissolver or with acetone.

Precautions:

UHU hart contains volatile, easily inflammable solvents. Appropriate precautions should therefore be taken during working and storage.

Package sizes: Tube 10g, 35g, 125g

Note:

This information is the result of carefully executed tests. This Technical Data Sheet has been prepared to the best of our knowledge to provide you with advice when gluing. We cannot be held responsible for the results or any damage suffered, as the variety of factors involved (type and combination of materials and working method) are beyond our control. Users have to carry out their own checks and trials. Liability can only be accepted for the consistently high quality of our product.