

Epoxyacrylate UHVO-21907

Description:

UHVO-21907 is a di-functional epoxyacrylate, diluted with 70 % DPGDA. The material is characterized by its light colour, low odour, and high reactivity. It is compatible with a wide range of monomers and oligomers.

It contributes to superior properties of the cured film, like high gloss, toughness, chemical resistance, good adhesion to various substrates, and high heat resistance.

Application:

UHVO-21907 is recommended for the use in radiation curing printing inks and overprint varnishes. The product is also suitable for the use in wood coatings, wood fillers and topcoats, in coatings for cardboard, paper, chipboard and rigid plastics or in adhesives for paper lamination.

UHVO-21907 is very interesting for low energy curing applications.

Typical properties:

Property	Typical value
Appearance	clear viscous liquid
Colour (Gardner)	Max. 2
Average functionality	2
Viscosity Ford Cup B4 @ 30 °C [s]	21 – 24
Acid value [mg KOH/g]	Max. 3
Diluent	70 % DPGDA

Storage:

Energy curing products should not be exposed to temperatures higher than 40 °C for prolonged period of time or to direct sunlight. Typical storage temperature should be between 15 – 30 °C.

Shelf Life:

The product has a shelf life of at least 12 months from the date of manufacture.

Safety:

When handling this product, please work according to the advice and information given in the safety data sheet and observe protective and workplace hygiene measures adequate for handling chemicals.

This Technical Data Sheet can only be of an advisory nature. Our data reflect the latest state of our knowledge and are based on the characteristics established in the laboratory and on practical experience. Because there are many factors under the control of the user which may affect processing or application/use, it is necessary for the user to carry out appropriate tests to determine whether the product is technically and safely suitable for the particular purpose, prior to use. No warranties of any kind, either expressed or implied, are made regarding the product here described. We assume no liability for correctness.