

Polyurethane acrylate

UV402

Product Introduction:

A reactive organosilicon copolymer that can be radiation-crosslinked. It has a theoretical functionality of 9, exhibits rapid reaction, and provides significant and long-lasting effects.

Product Features:

- ◆ UV release effect
- ◆ Excellent UV smoothness
- ◆ Excellent UV compatibility
- ◆ Excellent UV stain resistance

Application

A range of UV-curable products including UV excimer coatings, printing inks, leather coatings, industrial coatings,

Specification

200 KG/drum

Recommended dosage

0.1–5.0% based on total formulation, as supplied.

Technical information

Chemical composition	Polyurethane acrylate
Active content	100%
Appearance	Light white to light yellow transparent liquid
Viscosity (mPa·s, 25°C)	94800±5500
Functionality	9

Usage

Must be stirred before use. Can be added either pre-diluted or directly as supplied into the coating. When added during the letdown stage or into varnishes, high shear conditions or pre-dilution is required. Pre-dilution with a recommended solvent simplifies addition and mixing operations.

Storage and shelf life

- ◆ Transportation and storage of non-hazardous chemicals
- ◆ Cool, dry and sealed storage, below 35°C
- ◆ Keep away from alkaline substances, oxidants, peroxides, heavy metals and reducing agents.
- ◆ The container needs to leave 15% space for the resin to contact with air.
- ◆ Shelf life: 12 months from the date of production

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