

PRODUCT DESCRIPTION

ABchimie 9425UV is a soft clear glue made for bonding glass and plastics. The curing is immediate with UV radiations. The cured glue is colorless and no yellowing.

ABchimie9425UV exists also in LED version. It will react at LED radiation (at 395nm). This product is also clear and no yellowing. Its name is **ABchimie9425UV LED**.

ABchimie9425 UV is compliance with REACH and RoHS regulations. If you want a certificate, please contact us (info@abchimie.com).

FEATURES

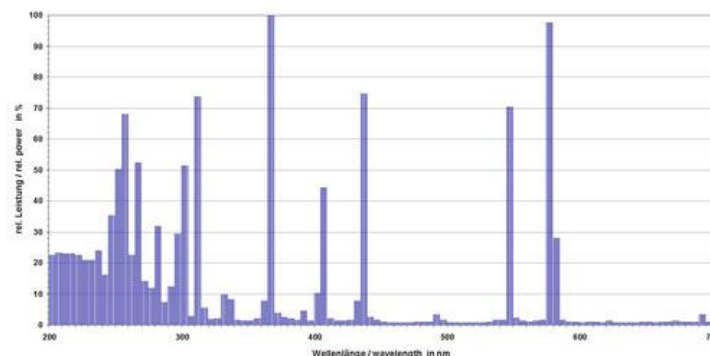
- Excellente adherence on many substrates, especially on glass and plastics
- Colorless and no yellowing
- Very fast curing with UV radiations
- No VOC

CURING CONDITIONS

ABchimie9425 UV cures immediately with UV rays.

UV Curing :

It is important to use the appropriate UV equipment, as well as the parameters recommended to obtain the optimal properties of the ABchimie9425 UV. The advised equipment is a **mercury lamp**.



Emission spectrum of mercury lamp (UV between 200 and 400nm)

To **100µm thickness**, minimum UVA dose : **100mJ/cm²**

To **1000µm thickness**, minimum UVA dose : **600mJ/cm²**

The ABchimie9425UV glue has a slight tack effect due to its composition and nature of glue.

The UV dose given is a minimum to guarantee a good curing of varnish. A higher dose of UV or a overexposure will not damaged the product.

ABchimie9425UV LED will react at LED radiation at 395nm. This product is also clear and no yellowing.

PROPERTIES

ABchimie9425 UV liquid (uncured)

| | | |
|----------------------|-------------------|-----|
| Base | Urethane Acrylate | |
| Appearance | Transparent | |
| Non-volatile residue | 100% | ... |
| Viscosity at 20°C | 40 000 cP | |

ABchimie9425 UV cured

| | |
|-----------------|-------------------------|
| Appearance | Colorless, no yellowing |
| Adherence | |
| Glass / glass : | 2MPa |
| Glass / alu : | 3MPa |
| PC/ ABS : | 3MPa |
| PC / Alu: | 2MPa |

PACKAGING:

ABchimie9425 UV

| | |
|---------------|---------------------|
| Syringe 30 ml | ABchimie 9425UV 30G |
| 1 kg | ABchimie9425 UV 01K |
| 5 kg | ABchimie9425 UV 05K |

ABchimie9425 UV LED – curing with LED radiations

| | |
|---------------|-------------------------|
| Syringe 30 ml | ABchimie 9425UV LED 30G |
| 1 kg | ABchimie9425 UV LED 01K |
| 5 kg | ABchimie9425 UV LED 05K |

REFERENCES

STORAGE AND SHELF LIFE:

ABchimie9425 UV must be stored in an opaque container, sealed away from excessive heat, at temperatures not exceeding 40°C. ABchimie9425 UV cures under UV action, it musn't be exposed to any light source.

Storage temperature: 5 to 30°C

A temporary lower or higher temperature (maximum 40°C) during few days (transport) doesn't distort properties.

Date by use: 12 months after the date of manufacturing

All information is given in good faith but without warranty. Properties are given as a guide only and should not be taken as a specification. ABchimie cannot be held responsible for the performance of its products within any application determined by the customer, who must satisfy themselves as to the suitability of the product.