

ABchimie9005 UV

Nov. 2019

UV Glue

PRODUCT DESCRIPTION

ABchimie 9005UV is a clear glue made for glass bonding on many substrates (glass, metal, plastics...). The curing is immediate with UV radiations. The cured glue is colorless and no yellowing.

ABchimie9005UV exists also in LED version. It will react at LED radiation (at 395nm). This product is also clear and no yellowing. Its name is **ABchimie9005UV LED**.

ABchimie9005 UV is compliance with REACH and RoHS regulations. If you want a certificate, please contact us (info@abchimie.com).

FEATURES

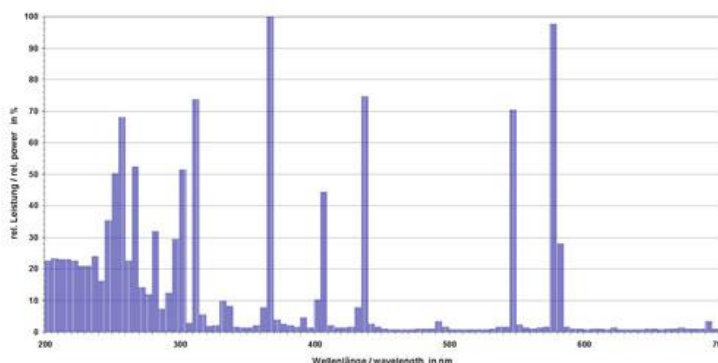
- Excellente adherence on many substrates, especially glass
- Clear and no yellowing
- Very fast curing with UV radiations
- No VOC

CURING CONDITIONS

ABchimie9005 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 ABchimie9005 UV. The advised equipment is a **mercury lamp**.



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

To **100µm thickness**, minimum UVA dose : **200mJ/cm²**

The ABchimie9005UV 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.

ABchimie9005UV LED will react at LED radiation at 395nm. This product is also clear and no yellowing.

PROPERTIES

ABchimie9005 UV liquid (uncured)

Base	Urethane Acrylate	
Appearance	Transparent	
Non-volatile residue	100%	...
Viscosity at 22 ° C	55 000 cP	

ABchimie9005 UV cured

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

PACKAGING:

REFERENCES

ABchimie9005 UV

Syringe 30 ml	ABchimie 9005UV 30G
1 kg	ABchimie9005 UV 01K
5 kg	ABchimie9005 UV 05K

ABchimie9005 UV LED – curing with LED radiations

Syringe 30 ml	ABchimie 9005UV LED 30G
1 kg	ABchimie9005 UV LED 01K
5 kg	ABchimie9005 UV LED 05K

STORAGE AND SHELF LIFE:

ABchimie9005 UV must be stored in an opaque container, sealed away from excessive heat, at temperatures not exceeding 40°C. ABchimie9005 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.