

TECHNICAL DATASHEET

ABchimie 225UV

June. 2021

UV clear resin, High viscosity

PRODUCT DESCRIPTION

ABchimie225UV is a one-component clear resin, UV curable, developed for protection with thin or high thickness. Its curing is immediate with UV radiation.

FEATURES

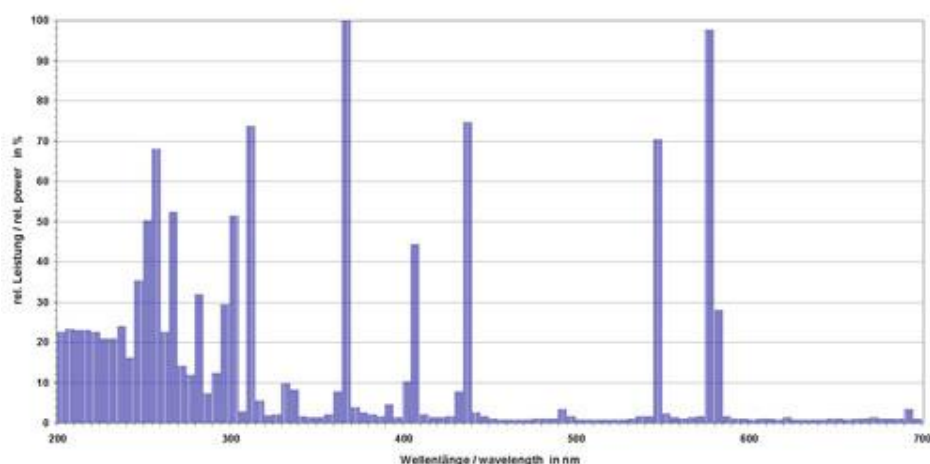
- Excellent adhesion to many substrates, especially flexible films
- Transparent resin
- Low VOC
- Good resistance to humidity
- Very fast curing under UV exposure,

CURING CONDITIONS

ABchimie225UV cures 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 ABchimie225 UV. The advised equipment is a **mercury lamp**.



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

For ABchimie225UV thickness of:

2 mm : minimum UVA dose : **1000 mJ/cm²**

A slight residual tack due to the oxygen in the air can appear. It disappears a few minutes after passing under the lamp.

PROPERTIES

ABchimie 225UV liquid

Base	Acrylate	
Appearance	Clear Liquid	
Non-volatile residue	99,8%	...
Viscosity at 20°C	18 000 cPs (environ)	

ABchimie 225UV cured

Appearance	Transparent
Touch	Smooth
Harness (shore)	D50 at 24 hours

PACKAGING:

ABchimie 225UV

Syringe 30 ml
1 kg
5 kg

REFERENCES

ABchimie 225UV 30G
ABchimie 225UV 01K
ABchimie 225UV 05K

Cleaner

Bulk 5 liters

SND 05 L

STORAGE AND SHELF LIFE:

Storage temperature: 5 to 30°C

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

ABchimie225UV must be stored in an opaque container, sealed away from excessive heat. The resin ABchimie225UV cures under UV action, it mustn't be exposed to any light source.

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.