

# TECHNICAL DATA SHEET

**ABchimie6025UV T**

July 2017

Transparent thixotropic soft resin, curing by UV

## PRODUCT DESCRIPTION

The resin ABchimie6025UV T is a soft transparent resin. It adheres on many substrates, especially plastics. Its softness allows it to absorb shocks. The curing is immediate with UV radiations. The resin thixotropy allows a high thickness deposit (to 4mm).

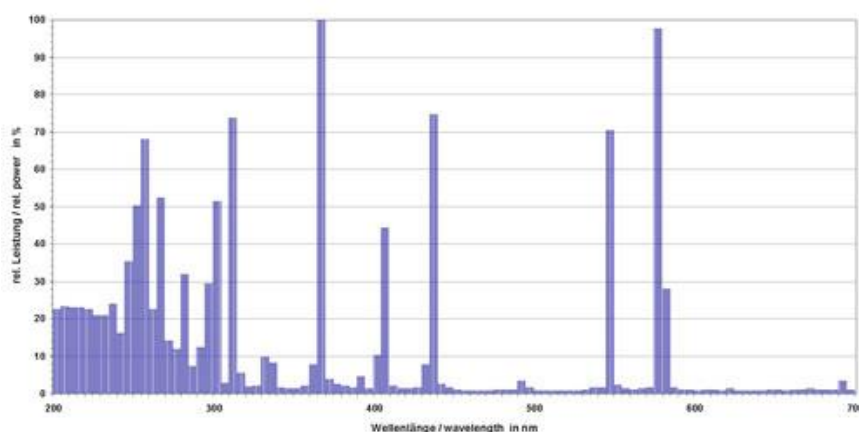
## MAIN CHARACTERISTICS

- Soft resin with memory effect,
- Easy deposit with thixotropic resin
- Excellente adherence on flexible substrates (plastics),
- No VOC,
- Immediate curing with UV exposition,
- Space ground reduced compared with solvent bases,
- High speed process, increase of the productivity.

## CURING

The resin ABchimie6025UV T cures with UV rays. It is important to use the appropriate equipment, as well as the recommended settings for the best properties of the resin ABchimie6025UV T:

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



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

Minimum UVA dose : **1500mJ/cm<sup>2</sup>** , for a 1mm-thickness

The UVA dose is a **minimale dose**. The intensity depends of lamp powerfull, distance of lampe... and may be increase by a longer exposition time. A higher UVA dose has not negative effect on product.

The resin ABchimie6025UV T has a light tack on surface, due to its soft nature.

## **PROPERTIES**

### **Liquid resin ABchimie6025UV T**

|                   |                    |
|-------------------|--------------------|
| Nature            | Acrylic            |
| Aspect            | Thixotropic liquid |
| Colour            | Transparent        |
| No volatil residu | 100%               |
| Flash point       | > 100°C            |

### **Cured Resin ABchimie6025UV T**

|                  |             |
|------------------|-------------|
| Aspect           | Transparent |
| Hardness (shore) | A60         |

ABchimie6025UV T is in compliance with REACH and RoHS regulations. A certificate may be sent on request ([info@abchimie.com](mailto:info@abchimie.com)).

## **CONDITIONNING**

### **Resin ABchimie6025UV T**

Syringe 30CC  
1 kg  
5 kg

### **Cleaner SND**

Bidon 5 liters

### **Stripper DVP**

Bidon 1 liter

## **REFERENCES**

ABchimie6025UV T 30G  
ABchimie6025UV T 01KG  
ABchimie6025UV T 05KG

SND 05L

DVP 01L

## **STORAGE AND DATE OF USE:**

The resin ABchimie6025UV T must be stored in a dark container, apart from hot temperatures (less than 40°C).

The resin ABchimie6025UV T cures with UV radiations so it must not be exposed to any light source.

Storage temperature : 5 to 30°C

A short stay at a lower temperature (especially during transport) will not damage product's properties. In all cases, refer to the safety data sheet to ensure good storage conditions.

Date of use : 12 months after 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.*