

## 29.11 – ACRYLIC VARNISH FOR METALS

**DESCRIPTION:** Formulated with acrylic resins that provide a good resistance, adhesion and high gloss, this varnish is indicated to the protection of light metals. <sup>a)</sup>

**FEATURES:**

- Good gloss and transparency.
- Quick drying.
- Good adhesion and resistance.

**SPECIFICATIONS:**

- **Density**.....0,940 ± 0,05
- **Viscosity**.....50 ± 8” Ford IV (20°C)
- **Color**..... Colorless.
- **Aspect**.....Glossy.
- **Superficial drying**.....± 20 minutes.
- **Depth drying**.....± 1 hour.
- **Drying Between Coats**.....± 30 minutes.
- **VOC** ..... <621 g/l
- **VOC (Acrylic Dil.)** ..... <900 g/l

**RECOMMENDED USE:** This varnish is recommended in the varnishing and protection of light metals, namely in the lamps industry, in the industry of adornment objects in metallic tube, in the industry of ironworks to varnish and to protect door handles, locks, etc.  
It is also used as a protection varnish of acrylic paintings, namely in the bicycles industry, and over fluorescent paints.

**SURFACE PREPARATION:** Given that the varnish doesn't hide imperfections, but, on the contrary, enhances them, it is important to pay attention to the surface preparation, the good results of the final finish depends on it. Therefore, the metallic surface has to be clean, dry, free of oxides and stains, and perfectly degreased.  
When it is used in the protection of acrylic paints, the paint layers should be dry and without superficial defects.

**APPLICATION:** Before to use mix energetically the product.  
It is applied with a spray-gun (preferentially), or also with a paint-brush, in 2 coats, properly diluted and spaced out from 30 minutes.

**DILUTION:** Is diluted with “ACRYLIC DILUENT”, or when a shorter drying time is pretended, with “RETARDANT ACRYLIC DILUENT” in the approximate following proportions:

Spray-gun.....5% to 10% (viscosity  $\pm$  25" Ford IV)  
Paint-brush.....up to 5% (viscosity  $\pm$  50" Ford IV)

**COVERAGE:** On average and per coat 8 to 10 m<sup>2</sup>/liter.

**CLEAN-UP:** With “ACRYLIC DILUENT “, right after the application.

**WARNING:**

- To apply in places with a good air renewal.
- To use a mask when applied with a spray-gun.
- Inflammable product. In the case of a contact with the skin or the eyes, to wash with plenty of water.
- Toxic by inhalation or ingestion.

**RECOMMENDATIONS:** Do not apply the product with a cold or humid weather. This product drying speed can be regulated through the combined or separate use of the diluents mentioned above.

**STORAGE AND PACKAGING:** Packages should be kept properly closed, in good environmental conditions of temperature and humidity, and spend the product on the chronological order of supply. Use it, with preference, up to 2 years after its manufactured date, but it can also be used after this date, as long as a good homogenization of the product can be verified. It is supplied in packages of 1, 5 and 20 liters.

Note a) According to the Directives 1999/13/EC and 2004/42/EC, this product can be used without limitations in activities performed in a registered or authorized facility.