

## TECHNICAL DATA

# PEGACRIL DX2 GLUE

The Pegacril DX2 glue, is a very fluid glue indicated for the materials union of of extrusion and cast acrylic (PMMA).

## CHARACTERISTICS

- Approx viscosity: Up to 20 mPa-s Density: 1.2 gr./cm<sup>3</sup>
- Color: from colorless to slightly yellow Storage: store in a closed container, cool place and away from heat sources.
- It hasn't got a flashpoint.
- Expiration: more than three years under normal conditions.
- Packaging: aluminum, glass and polyethylene (with polyethylene container can lose weight and increase the viscosity of the product over time).
- To regulate the viscosity of Pegacril DX2, Pegacril DX1 (viscous) can be used as a thickener.
- Hardening of the product by absorption, evaporation and dissolution of the treated pieces.

## APPLICATION AREAS

For the bonding and gluing of methyl methacrylate (PMMA), extrusion and cast materials. High technology works in the industrial sector.

The parts to be treated must be free of tensions, in order to avoid micro cracks due to the action of the solvent.

High resistance when the glue has evaporated and the polymer is stucked to the pieces.

You can also test the bonding in other plastic materials.

## APPLICATION SYSTEM

The gluing with the Pegacril DX2 is carried out indistinctly in extrusion and cast acrylic. The union is carried out by evaporation of the solvent, leaving the polymer adhered to the pieces.

Pegacril DX2 is applied with a small bottle or syringe provided with cannula or needle, on the edges of the pieces to be joined, pressing a little on them. We recommend handling in a dry place at a temperature of 20-24°C. The bonding time is a few minutes and after this, Pegacril DX2 offers a colorless finish. Do not fill in the gaps completely. Pegacril DX2 should not be used if there are moisture condensations, as it may white the bonding.

The transport and movement of the piece after gluing must take place after three hours. The pieces must be dried outdoor and without packaging for the solvent to evaporate. The complete evaporation of solvent residues will take place after 48 hours outdoor.

For the cleaning of greases and static charge we recommend to use the Netacril PT product.

## Security advices:

We recommend minimum training in the area of occupational risk prevention for personnel who will handle this product, in order to facilitate the understanding and interpretation of this safety data sheet, as well as the labeling of the product.

Directive 67/548 / EC and Directive 1999/45 / EC:

Contains chloroform and acrylic polymer (PMMA) UN 2810

The classification of the product has been carried out in accordance with R.D. 363/1995 (Directive 67/548 / EC) and R.D.255 / 2003 (Directive 1999 / 45 / EC), adapting its provisions to Regulation (EC) n°1907 / 2006 (REACH Regulation) according to R.D. 1802/2008. Carc. Cat 3: R40 - Possible carcinogenic effects, R22: Harmful if swallowed.

Regulation n°1272 / 2008 (CLP):

H302 - Harmful if swallowed. H351 - Suspected of causing cancer. H319 - Causes serious eye irritation

H336 - May cause drowsiness or dizziness.

## TECHNICAL SPECIFICATIONS– PEGACRIL DX2 GLUE

Properties	Value	Units
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### Technical data

Appearance:	very fluid paste	
Color:	from colorless to slightly yellow (the yellowish color does not modify or alter its physical properties)	
Viscosity:	Up to 20 Mpa.s (Brookfield system No. II / 6 / 20°C) To regulate the viscosity of Pegacril DX2, Pegacril DX2 (viscous) can be used as a thickener.	
Density:	1.2	gr./cm <sup>3</sup>
Maximum storage temperature:	30	°C
Storage:	store in a closed container, cool place and away from heat sources.	
Flash point:	- (it hasn't got it)	
Expiration	> 3	years
Packaging:	aluminum, glass and polyethylene (with polyethylene container can lose weight and increase the viscosity of the product over time).	

The properties described here are typical values of the material. Polimer Tecnic is not responsible for the materials of a specific consignment to exactly match the given values, being able to carry out tests of that heading. The above information is based on our experience and is given in good faith. Due to some installation and processing factors that are beyond our knowledge and control, no guarantee is given regarding such information.