



NAME:	idofast	PRODUCT:	ACRYLIC RESIN
USE:	Repair and rebasing dentures by means of cold curing technique. (Self-cure)	TYPE:	POWDER & LIQUID

Classification: Medical device class I (Directive 93/42/CEE, Rule 5) **Manufacturer:** UNION DENTAL SA



● Composition:

Powder: Acrylic polymer based on reinforced Poly methyl methacrylate

Liquid: Acrylic monomer based on methyl methacrylate, with additions

● Technical data:

Mean particle size	60-76 microns medium diameter	
Mix ratio	2 : 1,5 - powder : liquid	
Pour time	2 – 3 minutes	at 23°C
Dough time	6 – 7 minutes	at 23°C
Pressure cure cycle	20 min. in pressure apparatus at 50°C / 2 bars	
Normal self cure cycle	30 minutes at room temperature	
Colour	Pink, pink veined and clear	

● Properties:

This resin is an acrylic polymer specially designed as self curing resin for use in a variety of dental applications like denture repair and partial and total relining of dentures.

- Its special formulation creates a fast fluid mass suitable both pouring technique and conventional processing dough technique.
- Amine tertiary free. No change colour.

If resin is processed according to the manufacturer's instructions, the product complies correctly with the ideal requirements of ISO 20795-1 standard for acrylic dental resin for dentures.

- It does not change colour after processing.
- It offers good dimensional stability.
- It is sufficiently impermeable to mouth fluids and ingestible substances.
- Its softening temperature is higher than that of any ingestible food or liquid.
- It has sufficient resistance, resilience and resistance to abrasion.
- It does not produce porosity during processing.
- The finishing and polishing is easy.
- It offers suitable levels of chemical adhesion to acrylic teeth.

All the components of this product had been suitably considered and evaluated in the bibliography. The product is free of potentially harmful products such as cadmium, etc. Under normal conditions of reactivity of skin and mucus, the influence of the components of these products is perfectly tolerable. In accordance with our experience and knowledge the product does not have any harmful effects when used and handled according to specifications.

Product complies with the requirements of the medical devices directives 93/42/EC & 2007/47/EC

This information is based on our current knowledge and is intended to describe the product for the purpose of technical and safety requirements only. It does not indicate a guarantee of any kind. The material is for dental use only. The manufacturer is not responsible for damage caused through improper use or any other use than those explained in this sheet.

For details on use of material and recommended shelf life see the product package, safety data sheet and/or instructions for use.

Identification of the manufacturer: **Unión Dental, S.A. "unidesa.odi"** Pº de la Estación, 4. 28550 - MADRID. SPAIN.
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