

# ALSAN 070

TECHNICAL DATA SHEET APTDS-E-77-01

## DESCRIPTION

**ALSAN 070** catalyst is a component of ALSAN PMMA systems. It both activates and controls the curing reaction.

## MATERIAL

Peroxide based powder.

## PROPERTIES

- Enables exact control of curing reaction time
- Available in small quantities to reduce wastage and for easy storage

## APPLICATION

**ALSAN 070** catalyst is mixed with ALSAN PMMA resins to activate and control the speed of the curing reaction. The catalyst is the initiator and the speed regulator of the curing reaction.

The speed of the reaction can be adjusted to the ambient conditions by modifying the amount of catalyst added.

## PACKAGING

0.1 kg in PE transparent plastic bag

20 kg in carton box (200 bags of 0.1 kg)

## COLOURS

**ALSAN 070** catalyst is a white powder.

## STORAGE

Store in a sealed container, in a dry place protected against moisture, away from heat and ignition sources, and at temperatures below +30 °C. In the original packaging it has a minimum shelf life of 6 months. The influence of heat can cause the powder to clump together and can reduce its effectiveness. The powder can self-ignite if it is heated to a higher temperature, e.g. by direct sunlight. Consequently, direct sunlight should also be avoided on site.

## CONSUMPTION

The amount of catalyst required depends on the resins used, the quantity of the resin and the on-site temperature conditions.

In case of a multi component products like ALSAN 870 RS (composed of ALSAN 870 R resin and ALSAN 870 S sand), the quantity of catalyst is calculated on the resin part (here ALSAN 870 R).

For further details about the recommended quantities of catalyst please refer to the product information sheets for the relevant ALSAN PMMA resin.

## TECHNICAL DATA

Density: 1.23 g/cm<sup>3</sup>

Apparent density: 0.65 g/cm<sup>3</sup>

## APPLICATION CONDITIONS

### Application equipment / tools

Suitable mixer (e.g. paint mixer)

### Mixing

Add the catalyst to the PMMA based product whilst stirring, as the stirring action causes the catalyst to dissolve and ensures an even distribution.

For exact details please refer to the product information sheets of the relevant PMMA based resin.



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## SAFETY INFORMATION & RISKS

Please refer to the safety data sheet for the relevant product.

## GENERAL INFORMATION

The above information, in particular the product application information, is based on extensive development and many years of experience. It's provided to the best of our knowledge. However, the wide range of requirements and conditions on site means that it may be necessary for the product to be tested under those conditions to ensure that it is suitable for the intended purpose. For further information and questions, contact **SOPREMA**.

Only the most recent version of the document is valid. We reserve the right to make changes to reflect advances in technology and improvements to our products.

