Liquid Plastics

PRODUCT DATA SHEET

Sikalastic® Rapid Catalyst

CATALYST FOR SIKALASTIC® RAPID PMMA RESINS

PRODUCT DESCRIPTION

Sikalastic® Rapid Catalyst is mixed with PMMA products to enable the curing process to take place. It both initiates and controls the speed of the curing reaction. The reaction speed can be influenced by adjusting the amount added, and this method is used to adapt the reaction to the ambient conditions (temperatures).

USES

- Used to start and adjust the curing reaction of Sikalastic® Rapid PMMA Resins

CHARACTERISTICS / ADVANTAGES

- Easily soluble
- Highly effective

PRODUCT INFORMATION

Chemical Base	Oxygen-rich, powdered peroxide-based compound
Packaging	0.10 kg in plastic bag
Colour	White powder
Shelf Life	In the original packaging it has a minimum shelf life of 6 months.
Storage Conditions	The catalyst must only be stored in closed containers and in dry areas, away from heat and ignition sources, and at temperatures below +30 °C. The influence of heat can cause the powder 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. Reference should also be made to the storage recommendations of the material safety datasheet.
Density	1.23 g/cm³ 0.65 g/cm³ (apparent density)

APPLICATION INFORMATION

Mixing Ratio	The amount of Sikalastic® Rapid Catalyst required is dependent on the product used, the quantity of product and the temperature conditions. For further details about the recomended quantities of Sikalastic® Rapid Catalyst please refer to the product data sheets for Sikalastic® Rapid PMMA based products.

APPLICATION INSTRUCTIONS

MIXING

Use a twin-paddle stirrer to mix the product Add the catalyst to the PMMA-based product while 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 PMMA based products.

VALUE BASE

All technical data stated in this Data Sheet are based on laboratory tests. Actual measured data may vary due to circumstances beyond our control.

LOCAL RESTRICTIONS

Please note that as a result of specific local regulations the declared data and recommended uses for this product may vary from country to country. Please consult the local Product Data Sheet for the exact product data and uses.

ECOLOGY, HEALTH AND SAFETY

For information and advice on the safe handling, storage and disposal of chemical products, please refer to the most recent Material Safety Datasheet.

LEGAL NOTES

TECHNICAL ENQUIRIES
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