

## 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

|                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
|---------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Chemical Base</b>      | Oxygen-rich, powdered peroxide-based compound                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| <b>Packaging</b>          | 0.10 kg in plastic bag                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>Colour</b>             | White powder                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>Shelf Life</b>         | In the original packaging it has a minimum shelf life of 6 months.                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| <b>Storage Conditions</b> | 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.<br>Reference should also be made to the storage recommendations of the material safety datasheet. |
| <b>Density</b>            | 1.23 g/cm <sup>3</sup><br>0.65 g/cm <sup>3</sup> (apparent density)                                                                                                                                                                                                                                                                                                                                                                                                                                    |

## APPLICATION INFORMATION

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| <b>Mixing Ratio</b> | 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 recommended quantities of Sikalastic® Rapid Catalyst please refer to the product data sheets for Sikalastic® Rapid PMMA based products. |
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## 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.

## 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.

## 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.

### LOCAL RESTRICTIONS

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

### LEGAL NOTES

The information, and, in particular, the recommendations relating to the application and end-use of Sika products, are given in good faith based on Sika's current knowledge and experience of the products when properly stored, handled and applied under normal conditions in accordance with Sika's recommendations. In practice, the differences in materials, substrates and actual site conditions are such that no warranty in respect of merchantability or of fitness for a particular purpose, nor any liability arising out of any legal relationship whatsoever, can be inferred either from this information, or from any written recommendations, or from any other advice offered. The user of the product must test the product's suitability for the intended application and purpose. Sika reserves the right to change the properties of its products. The proprietary rights of third parties must be observed. All orders are accepted subject to our current terms of sale and delivery. Users must always refer to the most recent issue of the local Product Data Sheet for the product concerned, copies of which will be supplied on request.

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