

Fast Cat 30®

Fast Catalyst & Cure Accelerator for Mold Max® 30



www.smooth-on.com

PRODUCT OVERVIEW

Fast Cat® 30 silicone rubber catalyst will accelerate the cure time of Mold Max® 30 silicone rubber. Used in place of (or in combination with) Mold Max® 30 regular Part B catalyst, Fast Cat® 30 will reduce the demold time from overnight to as little as 30 minutes.

Note: Working time is reduced in proportion to the amount of Fast Cat® 30 added.

Note: Adding Fast Cat® reduces the library and production life of the cured rubber vs. our Mold Max® regular catalyst.

PROCESSING RECOMMENDATIONS

PREPARATION...Safety - Use in a properly ventilated area ("room size" ventilation). Wear safety glasses, long sleeves and rubber gloves to minimize contamination risk.

Store and use material at room temperature (73°F / 23°C). This product has a limited shelf life and should be used as soon as possible.

Safety First!

The Material Safety Data Sheet (MSDS) for this or any Smooth-On product should be read prior to use and is available upon request from Smooth-On. All Smooth-On products are safe to use if directions are read and followed carefully.

Keep Out of Reach of Children

BE CAREFUL

Use only with adequate ventilation. Contact with skin and eyes may cause irritation. Flush eyes with water for 15 minutes and seek immediate medical attention. Remove from skin with waterless hand cleaner followed by soap and water.

IMPORTANT - The information contained in this bulletin is considered accurate. However, no warranty is expressed or implied regarding the accuracy of the data, the results to be obtained from the use thereof, or that any such use will not infringe upon a patent. User shall determine the suitability of the product for the intended application and assume all risk and liability whatsoever in connection therewith.

MEASURING & MIXING...

When used alone as Part B for Mold Max® 30 (100A:10B pbw mix ratio) instead of regular catalyst, Fast Cat® 30 reduces the pot life of Mold Max® 30 from 45 minutes to 10 minutes and the demold time from 24 hours to 1 hour. If the amount of Fast Cat® 30 Part B is increased to 15% (100A:15B pbw), the pot life is reduced to 5 minutes and the demold time to 30 minutes.

Fast Cat® 30 Used Instead Of Mold Max® 30 Regular Part B*

| | | |
|----------------------------|------------|------------|
| Mold Max® 30 Part A | 100 parts | 100 parts |
| Fast Cat® Part B | 10 parts | 15 parts |
| Pot Life | 10 minutes | 5 minutes |
| Demold Time | 1 hour | 30 minutes |

*Mix ratios are parts by weight (pbw), and accuracy must be assured by using a gram scale or triple beam balance to properly weigh the components.

Fast Cat® 30 Used As Accelerator With Mold Max® 30 Regular Part B*

| | | |
|------------------------------------|------------|------------|
| Mold Max® 30 Part A | 100 parts | 100 parts |
| Mold Max® 30 Regular Part B | 8 parts | 5 parts |
| Fast Cat® 30 | 2 parts | 5 parts |
| Pot Life | 35 minutes | 20 minutes |
| Demold Time | 4 hours | 2 hours |

*Mix ratios are parts by weight (pbw), and accuracy must be assured by using a gram scale or triple beam balance to properly weigh the components.

Mixing - Add desired amounts of Fast Cat® 30 and/or regular Mold Max® 30 Part B to Mold Max® 30 Part A by weight and mix thoroughly. Important: Be sure to scrape the sides and bottom of the mixing container several times while mixing. Be aware of your working time with reduced pot life. **Note:** results may differ due to variables in temperature, humidity, etc.



Call Us Anytime With Questions About Your Application.

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The new www.smooth-on.com is loaded with information about mold making, casting and more.