SO-CURE®

Cure Accelerator

www.smooth-on.com

PRODUCT OVERVIEW

SO-CURE® Cure Accelerator is an additive designed to accelerate the cure time of some Smooth-On urethane liquid plastic products without significantly affecting ultimate physical properties. This allows for much faster demolding of a part or casting from a mold.

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...

The accelerator is added to Part B by weight and should be thoroughly mixed with Part B before adding Part A. Important: Adding the accelerator drastically reduces the pot life (time you have to mix and pour material) of the liquid plastic product.

Example: To reduce the demold time of Task® 4 from 16 hours to 1 hour, add 2.5 grams of accelerator to 100 grams of Task® 4 Part B. Mix thoroughly for one minute, making sure that you scrape the sides and bottom of your container several times. Next, add 100 grams of Part A and mix thoroughly for one minute, again making sure that you scrape the bottom and sides of your container several times. Do not delay between mixing and pouring, as your Pot Life is about 5 minutes. In one hour, the plastic casting can be demolded from the original mold. Ultimate physical properties will be reached overnight.

Smooth-On Liquid Plastic	**% So-Cure** (Added by Weight to Part 'B')	**Pot Life** (Minutes)	**Demold Time** (Hours)	**Shore D Hardness**
Task® 18	0.25%	11	3	82
	1.5	2.5	2	84
	2.5	1.5	1	86
Task® 11	0.25%	5	3	70
	1.5	1	2	70
	2.5	0.5	1	72
Task® 4	0.25%	18	3	75
	1.5	7	2	77
	2.5	5	1	77

Call Us Anytime With Questions About Your Application.

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