



SO-CURE®

Cure Accelerator

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. 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. Store and use products in a warm environment (72° F / 22° F). This product has a limited shelf life and should be used as soon as possible. Wear safety glasses, long sleeves and rubber gloves to minimize contamination risk.

Smooth-On Liquid Plastic	% So-Cure (Added by Weight To Part 'B')	Pot Life (Minutes)	Demold Time (Hours)	Shore D Hardness
C-1506®	0.25 %	6.5	3	75
	1.5	2.5	2	77
	2.5	1.5	1	77
C-1508®	0.25 %	11	3	82
	1.5	2.5	2	84
	2.5	1.5	1	86
C-1509®	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

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