



# 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.

<i>Liquid Plastic</i>	<b>% So-Cure (Added by Weight To Part 'B')</b>	<b>Pot Life (Minutes)</b>	<b>Demold Time (Hours)</b>	<b>Shore D Hardness</b>
<b>C-1506</b>	0.25 %	6.5	3	75
	1.5	2.5	2	77
	2.5	1.5	1	77
<b>C-1508</b>	0.25 %	11	3	82
	1.5	2.5	2	84
	2.5	1.5	1	86
<b>C-1509</b>	0.25 %	5	3	70
	1.5	1	2	70
	2.5	0.5	1	72
<b>Task 4</b>	0.25 %	18	3	75
	1.5	7	2	77
	2.5	5	1	77

***Call Us Anytime With Questions About Your Application.***

Phone: (212) 367-7561

Fax: (212) 243-6374

Visit Us At Our Website: [www.SCULPT.com](http://www.SCULPT.com)