



SC-5003

PLATINUM SILICONE ACCELERATOR

SC-5003 is a Platinum Silicone (Addition Cure) accelerator agent that can be used with BJB’s range of platinum-based silicones. It is designed to reduce cure time to demold parts and/or molds faster. It is also useful in brushed on silicone molds to help reduce the time between layer applications and prevent excess material sag due to quicker gel time. SC-5003 is extremely potent so use only small amounts (typically 1%-2% parts by weight).

HANDLING PROPERTIES	
Relative Density g/cm ³ @ 77°F (25°C)	0.98
Color	Colorless
Viscosity (cps) @ 77°F (25°C) Brookfield	1,000

MIXING INSTRUCTIONS:

The SC-5003 works in platinum (addition cure) silicones. DO NOT use in Tin (Condensation Cure) silicone materials. Add SC-5003 to Part A (resin side) prior to adding Part B (stock curing agent).

- 1% - typically reduces worktime by half (example 45 minute work time is reduced to 20-30 minutes)
- 2% - typically reduces worktime by 2/3 (example 30 minute work time is reduced to 10 minutes)

NOTE: Always run a small sample prior to adding SC-5003 to a larger batch to determine the optimal working time in your application. Failure to run a test can result in large quantities of silicone gelling faster than expected and wasting material. Adding more than 2% of SC-5003 can potentially lower the physical properties of the silicone. Please contact BJB technical assistance if you need further help and guidance.

STORAGE:

Store at ambient temperatures, 65-80°F (18-27°C). Unopened containers will have a shelf life of 12 months from date of shipment when properly stored at recommended temperatures.

PACKAGING	WEIGHT
2 ounce	2 oz.
4 ounce	4 oz.
Pint	1 lbs.

SAFETY PRECAUTIONS:

Use in a well-ventilated area. Avoid contact with skin using protective gloves and protective clothing. Repeated or prolonged contact on the skin may cause an allergic reaction. Eye protection is extremely important. Always use approved safety glasses or goggles when handling this product.

IF CONTACT OCCURS:

Skin: Immediately wash with soap and water. Remove contaminated clothing and launder before reuse. It is *not* recommended to remove resin from skin with solvents. Solvents only increase contact and dry skin. Seek qualified medical attention if allergic reactions occur.

Eyes: Immediately flush with water for at least 15 minutes. Call a physician.

Ingestion: If swallowed, call a physician immediately. Remove stomach contents by gastric suction or induce vomiting only as directed by medical personnel. Never give anything by mouth to an unconscious person.

NOTE:

Refer to the Safety Data Sheet before using this product. For processing tips and guides, please visit: learn.bjbmaterias.com to discover additional information.