



SC-5001

SILICONE THICKENING AGENT

SC-5001 is a liquid thickening agent to help with vertical hang on jacket/mother molds, animatronic skins, prosthetics, and architectural duplications. SC-5001 can also help with creating repair pastes and bonding on mold keys.

SC-5001 was formulated for BJB's 1:1, low viscosity Silicones; TC-5110F, TC-5130F, TC-5110, TC-5130, TC-5140 and TC-5150.

HANDLING PROPERTIES	
Specific Gravity @ 77°F (25°C)	1.04
Color	Colorless
Viscosity (cps) @ 77°F (25°C) Brookfield	1,800

MIXING INSTRUCTIONS:

SC-5001 should be added *after* parts A and B have been thoroughly mixed. Adding 1/2 % - 1 % SC-5001 to the total weight of the A/B mixture is recommended.

APPLICATION:

Using a faster version silicone like TC-5110F or TC-5130F with an 8 - 10 minute work time can help build molds quicker. Typically, the model you are molding will first be coated with non-thickened silicone (no SC-5001 added) to capture fine detail and prevent trapped air, if the silicone feels too thin for the first coat, a 1/2 % of SC-5001 to the total weight of the A/B mix is recommended. A second coat with 1/2 % to 1 % of SC-5001 should be applied only when the previous layer has gelled to a point that it will not be disturbed by further applications. You want the previous layer to be firm yet tacky to ensure the best layer bonding. Using our 8100 series Silicone Pigments in the second and third coat can help get better coverage by allowing you to differentiate coats and seeing the low spots. Final coats are done with thicker layers of silicone by adding 1% - 2% of SC-5001 to increase layer thickness and strengthen the mold. It is recommended to add SC-5001 in small increments or run a small-scale test to determine the amount of thickening desired for the application.

NOTE:

We do not recommend using this product with our TC-5000's (100/10) Series Silicones.

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
Pint	1 lb.

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.