



SILICONE CASTING RUBBERS

"Dedicated to QUALITY, SERVICE, SAFETY, and INNOVATION"

SC-5002 SILICONE THINNER

PRODUCT DESCRIPTION:

This thinner was developed to help reduce the mixed viscosity of BJB's RTV silicones. The reduced viscosity is advantageous when pouring into highly detailed areas.

APPLICATION:

SC-5002 can be added to any of BJB's RTV silicones. We would not recommend the addition of more than 20% of SC-5002 to the total mix of the A & B silicone system. Higher levels can significantly reduce the physical properties of the silicone. The addition of SC-5002 will also lower the shore hardness of the silicone and lengthen the work life and ultimate cure time.

TYPICAL PHYSICAL PROPERTIES:

	TC-5050 A/B without SC-5002	TC-5050 A/B with 5% SC-5002	TC-5050 A/B with 10% SC-5002	TC-5050 A/B with 20% SC-5002
Hardness, Shore 'A'	50 A	40 A	37 A	36 A
Hardness, Shore '00'	--	--	--	--
Viscosity (cps)	90,000	65,000	50,000	32,000

	TC-5024 A/B without SC-5002	TC-5024 A/B with 5% SC-5002	TC-5024 A/B with 10% SC-5002	TC-5024 A/B with 20% SC-5002
Hardness, Shore 'A'	25 A	14 A	10 A	--
Hardness, Shore '00'	--	70 '00'	60 '00'	52 '00'
Viscosity (cps)	31,000	23,000	17,000	11,000

Color clear
 Specific Gravity 0.97

STORAGE:

Store in a cool dry place. Unopened containers will have a shelf life of 12 months when properly stored at room temperatures. Purge opened containers with dry nitrogen before re-sealing.

PACKAGING:

Quarts 2 lbs.
 Gallons 8 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.

Refer to the Material Safety Data Sheet before using this product.