



SC-40

GENERAL PURPOSE THIXOTROPE



SC-40 is a thickening agent that can be added to a variety of BJB’s Polyurethane systems to increase viscosity which allows better hang on vertical or contoured surfaces when brushing in thin coats. SC-40 can be used in conjunction with BJB Brushable (BR) systems to increase hang qualities or added to certain castable systems to create a Brushable system. See guidelines below for suggested products. Create:

- Animatronic Skins
- In-Mold Skins backed with Foam
- Shell Molds
- Special Effects & Props
- Slush Castings
- Glove Molds

MIXING INSTRUCTIONS:

SC-40 should be added to the Part B side and thoroughly mixed before adding A & B together. Adding 1% - 2% SC-40 to the total weight of the A/B mixture is recommended. Typically at 1%, the mixture will have a creamy consistency and will be easy to brush. At 2%, the mixture will become more paste-like and thicker layers can be applied. Application procedures will vary depending on the users’ preference and a small scale test is highly suggested. Secondary coats should be applied only when the previous layer has gelled to a point that it will not be disturbed by further applications.

BR-75D	F-140, F-150, F-160, F-170	TC-1630
Add 1% for a fair hang in a thicker layer; 2% for a paste-like consistency to brush or trowel thick layers.	Add 1% for good hang in a thin layer; 2% for thicker layers.	Add 1% for a fair hang in a thicker layer; 2% for a paste-like consistency to brush or trowel thick layers.

Note: Please contact a BJB representative if you require additional information on material choices.

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
4 oz.	4 oz.
Pint	0.9 lbs.
Quart	1.9 lbs.
Gallon	7.6 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.

⚠ WARNING: This product can expose you to chemicals including Acrylonitrile, which is known to the State of California to cause cancer. For more information, go to www.P65Warnings.ca.gov.

NOTE:

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