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Crystal Clear Rubber Glass

R - 1120 A/B

Product Data Sheet

R-1120 A/B Tin Base (Condensation Cure), two-component, room temperature cure (RTV) silicone rubber. This system was specifically formulated for applications where optical clarity is required. It is used for potting, encapsulation, special effects, i.e., fake ice and glass, and any application where crystal clarity is needed. Once cured, silicone can be easily processed for making broken, or shattered rubber glass effects. *Add Silicone Pigments to create custom colored parts.*

Available Sizes: Pint Kit (1 lb) & Qt Kit (2 lb) Gal Kit (9 lb) & 5 Gal Kit (44 lbs) 55 Gallon Drum Kit (495 lbs)

Product Features:

- Low Viscosity for ease of pouring
- Crystal Clear
- Low Tear Strength for easier Rubber Glass Effects
- Pre-Cured Blocks Available—25 lbs (Dimensions 13"x9"x5.5")

PHYSICAL PROPERTIES (TYPICAL VALUES) UNVULCANIZED

Color: Clear, Transparent
Viscosity @ 77F: 10,000 cps
Shelf Life: 6 months

TYPICAL PROPERTIES OF CURED RUBBER

Specific Gravity: 1.01
Hardness: 20 A Shore

Pot Life: 15 Minutes
Cure Time: 1 to 5 days depending on thickness

MIXING & CURING INSTRUCTIONS:

R-1120 A is processed by adding the curing agent B. **Part B should be shaken prior to use.** The addition of 10% catalyst (by weight) has a pot life of 15 minutes*. Since material is clear, a double mix—mixing in one container then transferring to another and remixing—is recommended to ensure a thorough mix. Pot life will vary due to environmental changes. A pre-test of a small amount will determine work time, usually 15 minutes. Pressure pot may be used to assure bubble release and clarity. ** Large sections over 1" thick could take up to 3-5 days to properly dry. Please contact your Silpak technician for assistance in your application of R-1120 A/B. This material can dry differently from summer to winter. Accelerated cures not recommended.

STORAGE/SHELF LIFE:

A and B components must be stored in their original, unopened containers at temperatures between 60-90F. Shelf life of materials when kept in unopened, sealed containers, at the recommended storage conditions, is 6 months

THE INFORMATION AND DATA CONTAINED HEREIN ARE BASED ON INFORMATION WE BELIEVE RELIABLE. EACH USER OF THE MATERIAL SHOULD THOROUGHLY TEST ANY APPLICATION AND INDEPENDENTLY CONCLUDE SATISFACTORY PERFORMANCE BEFORE COMMERCIALIZING. SUGGESTIONS OF USES SHOULD NOT BE TAKEN AS INDUCEMENTS TO INFRINGE ON ANY PARTICULAR PATENT.