

# SILPAK, Inc

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## RAPID SET (Tin RTV Accelerator) Product Data Sheet

**Rapid Set** is added to **Tin RTV Silicone (R-1300 Series)** for quick cures. Rapid Set is an additive to quicken cure, but will not cure rubber on its own and must be added at time of mix in addition to adding Part B (Catalyst).

**Available Sizes:** 2oz & 8oz Bottles

### Recommended Levels:

- 4 drops per/lb. = 30 min gel and 2 hour cure
- 8 drops per/lb. = 20 min gel and 75 min cure
- 12 drops per/lb. = 10 min gel and 1 hour cure

### MEASUREMENTS

- 25 drops = 1 gram
- 28 grams = 1 oz.

### PROCESSING INSTRUCTIONS:

Calculate the amount of Silicone RTV to be used. Add the appropriate amount of Rapid Set, just drops per pound, to Part B. Next, agitate mixture well prior to adding to Part A. There will be reduced gel time so vacuuming cannot be performed. Air bubbles can be worked out with blowing air pressure as rubber is brushed on, or rubber can be pressure casted when poured. Cure and Gel times will be greatly reduced depending on the amount of Rapid Set used. Please Pre-test to determine workability. **IMPORTANT:** *Rapid Set works best and consistently when added at time of mix only. Rapid Set quickly loses strength for premixtures—Part B and Rapid Set—that will be used at a later time.*

**Note:** Gel (Pot Life) and Cure times will vary with each of the R-1300 Series Tin RTV systems. Use the above recommended levels as a general starting point. Please test workability of silicone to assure good results. *\*\*Environmental conditions such as ambient temperature and humidity, especially hot weather, will also shorten the amount of Gel and Cure Times.*

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.