

# SILPAK, Inc

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## MOLD MASTER SOLUTION (Used for Addition/Platinum RTV) Product Data Sheet

**Mold Master Solution** developed by the request of mold makers to aid with surface inhibition (non-cure) when using Platinum Silicone RTVs. Various substrates can slow or stop the silicone from curing—See List Below. Mold Master Solution will cure light inhibition problems by accelerating the cure of the rubber. In extreme adverse surface conditions such as direct contact against sulfur based clay, latex, vinyl, and some resin systems, Mold Master Solution may not work. Pre-test on small surface area if unsure.

**Available sizes:** 4oz, Pint (1/lb), Gallon (7/lb), 5 Gallon

### TYPICAL PHYSICAL PROPERTIES

**Color:** Clear

**Viscosity:** 100 cps, liquid

#### **Possible Inhibiting Substances:**

- Amines-Epoxy
- Acetone, MEK
- Adhesive Tapes
- Bondo Coatings, Paints, Solvents
- Condensation (Tin) Cure RTV-- R-1000 Systems
- Carrier
- Clay-Sulfur Based
- Chlorinated Solvents
- Composites Pre-Preg
- Gel Coats
- Heavy Moisture
- Latex Gloves
- Polyester Paints
- Sulfur Cured-Organic Rubber
- Some Urethanes—TDI Urethanes

### **PROCESSING INSTRUCTIONS**

This product is to be brushed or wiped onto the master model's surface and allowed to dry for 5 minutes before pouring the platinum cure RTV. Allow mold material the proper cure time before demolding. If additional assistance is needed, please contact a Silpak representative for further information.

### **STORAGE/SHELF LIFE**

Store in cool, dry area away from flame or sparks. Should be kept in a closed container to avoid moisture contact during storage. For best results, use within 6 months. After opening, purge with nitrogen before resealing to prolong storage life and avoid premature moisture contamination.

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. SUGGESTION OF USES SHOULD NOT BE TAKEN AS INDUCEMENTS TO INFRINGE ON ANY PARTICULAR PATENT