THI-VEX®

Thixotropic Agent for Thickening Smooth-On Silicone Rubbers

www.smooth-on.com

PRODUCT OVERVIEW

THI-VEX® is made especially for thickening Smooth-On's Mold Max® Series (tin catalyst), Smooth-Sil® Series (platinum catalyst) Rebound 25 (platinum catalyst) and Dragon Skin® Series (platinum catalyst) silicones for vertical surface application (making brush-on molds). Different viscosities can be attained by varying the amount of **THI-VEX®**.

THI-VEX® is added as a percentage of Part A and must be thoroughly mixed with Parts A and B.

PROCESSING RECOMMENDATIONS

PREPARATION...*Safety* - Use in a properly ventilated area ("room size" ventilation). Wear safety glasses, long sleeves and rubber gloves to minimize contamination risk.

Store and use material at room temperature (73°F/23°C). This product has a limited shelf life and should be used as soon as possible.

Safety First!

The Material Safety Data Sheet (MSDS) for this or any Smooth-On product should be read prior to use and is available upon request from Smooth-On. All Smooth-On products are safe to use if directions are read and followed carefully.

Keep Out of Reach of Children

BE CAREFUL

Use only with adequate ventilation. Contact with skin and eyes may cause irritation. Flush eyes with water for 15 minutes and seek immediate medical attention. Remove from skin with waterless hand cleaner followed by soap and water.

IMPORTANT - The information contained in this bulletin is considered accurate. However, no warranty is expressed or implied regarding the accuracy of the data, the results to be obtained from the use thereof, or that any such use will not infringe upon a patent. User shall determine the suitability of the product for the intended application and assume all risk and liability whatsoever in connection therewith.

MEASURING & MIXING...

If using Mold Max®, the brush-on mold process can be shortened with Fast Cat® 30 catalyst or Accel-T® cure accelerator. Because silicones have a long pot life, time between coats can be 2–3 hours. Adding Fast Cat® 30 catalyst or Accel-T® cure accelerator will accelerate the brush-on mold making process down to a matter of hours.

Thickening Mold Max® 10, 20, 25 & 30 or Smooth-Sil® 935, 940 & 950

Part A	Part B Catalyst (Mix Well)	THI-VEX® (% of Part A)	Consistency
100 parts	10 parts	1/2 part (0.5% of part A)	Thick
100 parts	10 parts	1 part (1.0% of part A)	Thicker
100 parts	10 parts	2 parts (2.0% of part A)	Thickest

Thickening Dragon Skin® or Rebound® 25 100A:100B Mix Silicone

Part A	Part B Catalyst (Mix Well)	THI-VEX® (% of Part A)	Consistency
100 parts	100 parts	1/2 part (0.5% of part A)	Thick
100 parts	100 parts	1 part (1.0% of part A)	Thicker
100 parts	100 parts	2 parts (2.0% of part A)	Thickest

*Note: When using Dragon Skin® Fast, mix and apply quickly because of short pot life.

Mixing - Add desired amounts of THI-VEX® to material and mix thoroughly. Important: Be sure to scrape the sides and bottom of the mixing container several times while mixing. Be aware of your working time. **Note:** results may differ due to variables in temperature, humidity, etc.

Because no two applications are quite the same, a small test application to determine suitability for your project is recommended if performance of this material is in question.

Call Us Anytime With Questions About Your Application.

Toll-free: **(800) 762-0744** Fax: **(610) 252-6200**

The new **www.smooth-on.com** is loaded with information about mold making, casting and more.