



# Thi-Vex® II

Thixotropic Agent for Thickening Smooth-On Silicone Rubbers

## PRODUCT OVERVIEW

**THI-VEX II** is made especially for thickening Smooth-On's Mold Max® 10, 20 & 30 (tin-catalyst), Smooth-Sil® 920, 930, 940 & 950 (platinum-catalyst) and Dragon Skin® (platinum catalyst) silicones for vertical surface application (making brush-on molds). Different viscosities can be attained by varying the amount of THI-VEX® II.

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

**Example:** Thickening Mold Max® 10, 20 & 30 or Smooth-Sil® 920, 930, 940 & 950 silicones:

Part A	+	Part B Catalyst (Mix Well)	+	THI-VEX® (% of Part A)	=	Consistency
100 Parts		10 Parts		½ Part (0.5%) (% of Part A)		Thick
100 Parts		10 Parts		1.0 Parts (1.0%) (% of Part A)		Thicker
100 Parts		10 Parts		2.0 Parts (2%) (% of Part A)		Thickest

**Note:** Materials should be stored and used in a warm environment (72° F / 22° C). This product has a limited shelf life and should be used as soon as possible. Wear safety glasses, long sleeves and rubber gloves to minimize contamination risk. If using Mold Max®, the brush-on mold process can be shortened with FASTCAT® cure accelerator. Because silicones have a long pot life, time between coats can be 2 – 3 hours. Adding FASTCAT® catalyst instead of regular catalyst will accelerate the brush-on mold making process down to a matter of hours.

**Example:** Thickening Dragon Skin® 100A:100B mix silicone:

Part A	+	Part B Catalyst (Mix Well)	+	THI-VEX® (% of Part A)	=	Consistency
100 Parts		100 Parts		½ Part (0.5%) (% of Part A)		Thick
100 Parts		100 Parts		1.0 Parts (1.0%) (% of Part A)		Thicker
100 Parts		100 Parts		2.0 Parts (2%) (% of Part A)		Thickest

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

**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.**

**CAUTION:** Avoid contact with eyes. In case of eye contact, flush thoroughly with water. If irritation persists, get medical attention. Keep Out Of Reach Of Children.

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. **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.

Call Us Anytime With Questions About Your Application

Toll-Free: (800) 762-0744

Fax: (610) 252-6200

Visit Us At Our Website: [www.smooth-on.com](http://www.smooth-on.com)

030607