



## Premium Grade 100% Silicone Sealant

**TYTAN PROFESSIONAL™ MP1** is a Premium, Multi-Purpose Acetoxy, 100% silicone designed for general interior and exterior industrial sealing and bonding applications. MP1 is a non-slump product excellent for vertical and horizontal industrial weatherproofing sealant applications that forms a durable and flexible silicone rubber when cured. MP1 offers superior long term durability and reliability in harsh environments without deterioration. MP1 is UV, Sleet, Snow and Ozone resistant and is for excellent adhesion and applications where movement is expected. It remains watertight and weatherproof after years of exposure. Excellent adhesion on Aluminum, Glass, Sealant Joints and non-porous surfaces.

### BENEFITS

#### 60 Year Limited Warranty

Premium Grade  
Superior Weatherability  
Long Term Protection  
Cures to a Flexible Rubber  
Extreme Temperature Durability  
Outstanding Chemical & Moisture Resistance  
Superior UV & Ozone Resistance  
No Shrinkage When Cured

### TYPICAL USES AND APPLICATIONS

General Industrial Sealing and Bonding  
Weather Sealing  
Bathrooms and Kitchens  
Recreational Vehicles  
Fiberglass, Aluminum and Wooden Applications  
Aluminum to Glass  
Expansion Joints

### SERVICE TEMPERATURE

Remains Flexible at temperatures of -70° to 350°F

### TOOLING TIME

5-10 Minutes

### TACK FREE TIME

10-20 Minutes at 52%RH, complete Cure in 5-7 Days.

### SURFACE PREPARATION

Contact and surface application areas must be sound, fully cured, free of all release agents, and in good condition, dry, clean, free of dust, oil, grease or any foreign objects, debris and contaminants that could interfere with proper adhesion. It is recommended to perform and evaluate preliminary adhesion and compatibility tests before use.

Color	Part Number	Cartridge Size	Case
CLEAR	#0800	10.1 Fl Oz (300 ML)	12
WHITE	#0801	10.1 Fl Oz (300 ML)	12
ALUMINUM	#4620	10.1 Fl Oz (300 ML)	12
BLACK	#0803	10.1 Fl Oz (300 ML)	12



SILICONE SEALANT



## APPLICATION

Cut nozzle at 45° to desired bead size, insert in caulking gun and apply to desired area. Tool bead with moistened cloth and wipe off excess before it cures. For best results, tool immediately after applying for best adhesion and smooth finish before skinning occurs. Tool time 5-10 minutes, tack free time 10-20 minutes. Handling cure in 24 hours and full cure in 5-7 days depending upon conditions.

## STANDARDS

ASTM C679, ASTM C639, ASTM D412, ASTM C794, ASTM C603

## LIMITATIONS

MP1 is not recommended for continuous water immersion use porous surfaces such as concrete or masonry, high traffic areas, materials that bleed oils or plasticizers, in totally confined spaces where it is not exposed to atmospheric moisture. It is not paintable as paints will not expand and contract and may crack and peel. MP1 may discolor natural stones, marble or granite, brass, copper or other sensitive materials. Do not apply to damp or contaminated surfaces. Not for use in traffic bearing surfaces.

## SHELF LIFE

24 months from date of manufacture when stored in original, unopened cartridges when stored at 50°F - 80°F in a dry place protected from freezing.

## CLEANING

Remove MP1 from gun and all tools before it cures. Use typical solvents such as Mineral Spirits or lacquer thinner and let dry to prevent any damage. Cured sealant can be removed with sharp tools using caution.

## CAUTIONS

Keep out of the reach of children. Wear safety glasses with side shields. Direct contact with eyes may cause slight to moderate irritation. In case of eye contact, flush thoroughly with water for at least 15 minutes. Seek immediate medical attention. In case of skin contact, wash effected areas with soap and water. If irritation persists seek medical attention. Move to fresh air if inhalation causes discomfort. Refer to MSDS for further information.

## DISPOSAL OF PRODUCT AND CONTAINERS

Each person, firm or corporation engaged in the application, installation disposal or any other use of these materials shall carefully determine where there is potential hazard associated with such products in specific usage, and utilize all appropriate precautionary and safety measures as outlined in local, state and federal regulations governing the use or disposal of product or empty containers.

## LIMITED WARRANTY

Selena USA, Inc warrants its products to be free of manufacturing defects due to workmanship and materials for the duration and in accordance to the conditions stated in the individual Technical Data Sheets. This warranty is limited to the replacement of the product when such product proves to be defective in manufacture. This express warranty will only apply if the product is stored as specified and used in accordance for its intended purposes. It does not apply to failures due to improper application.

The company shall not be liable, in any event for any incidental, consequential, special or indirect damages or damages to a structure or its contents from any cause whatsoever. This warranty may not be modified or amended by any employee, representative agent or customer of Selena USA, Inc. This warranty is exclusive and is in lieu of all other warranties, express, or implied, including any implied warranty of merchantability or fitness for particular purpose.

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21715 Beck Drive, Elkhart, IN 46516  
Phone: (574) 523-0400, Fax: (574) 523-0499 [www.SelenaUSA.com](http://www.SelenaUSA.com)

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TECHNICAL DATA SHEET - TYTAN PROFESSIONAL MP1 Premium Grade 100% Silicone Sealant

Due to continuous product and process improvements, specifications and prices are subject to change without notice. 1/1/2008

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