



M-1 SEALANT

The STEBBINS Engineering and Manufacturing Company
Watertown, NY USA
<http://www.StebbinsEng.com>

PRODUCT INFORMATION

DESCRIPTION

STEBBINS' M-1 SEALANT is a 2-component epoxy-based product that is used to form a seal around inserts or to repair cracks in concrete structures. The product can be placed using a pump. M-1 Sealant is very successful when the void to be filled is large as it produces very low exotherm and shrinkage. Other products provide good chemical resistance but produce an unacceptable amount of heat when the components react together as they cure and can lead to cracking.

COMPONENT PACKAGING

A unit of M-1 SEALANT is supplied as two (2) separately packaged components, packaged by weight:

RESIN COMPONENT	PACKAGING	WEIGHT PER CONTAINER
M-1 Sealant Resin (Small Unit)	(1) 3 ½-gallon (13.25 L) Metal Pail	10.3 lb (4.7 kg)
M-1 Sealant Resin (Large Unit)	(1) 5-gallon (19 L) Metal Pail	41.2 lb (18.7 kg)

HARDENER COMPONENT	PACKAGING	WEIGHT PER CONTAINER
M-1 Sealant Hardener (Small Unit)	(1) 1/2-gallon (1.9 L) Snap-lid Can	3.7 lb (1.7 kg)
M-1 Sealant Hardener (Large Unit)	(1) 3 ½-gallon (13.25 L) Metal Pail	14.8 lb (6.7 kg) Each

TYPICAL PHYSICAL PROPERTIES

Color	Amber
Density	68 lb/ft ³ (1089 kg/m ³)

WORKING AND SETTING TIMES (TYPICAL)

Temperature	50°F (10°C)	70°F (21°C)	90°F (32°C)
Working Time	100 minutes	35 minutes	20 minutes
Setting Time	4 hours	2 hours	50 minutes
Full Cure	96 hours	72 hours	24 hours

APPLICATION

M-1 Sealant can be pumped or poured as required to fill voids or create a seal around inserts.

STEBBINS	M-1 SEALANT
The STEBBINS Engineering and Manufacturing Company Watertown, NY USA http://www.StebbinsEng.com	PRODUCT INFORMATION

STORAGE

Do not store in direct sunlight. Store in a cool, dry area.

Keep the containers dry and the lids closed tight.

SAFETY PRECAUTIONS/DISCLAIMER

Mixes and applications of this product present a number of hazards. The buyer and user must read and follow the hazard information, precautions and first aid directions on the individual product labels and safety data sheets before using.

All data contained in this Product Information sheet are averaged results of ASTM tests on laboratory prepared samples. Reasonable variations can be expected. The data should not be used for specification purposes.

While all statements, technical information, and recommendations contained herein are based on information our company believes to be reliable, nothing contained herein shall constitute any warranty, express or implied, with respect to the products described herein and any such warranties are expressly disclaimed.

We recommend that the prospective purchaser or user independently determine the suitability of our product for their intended use. No statement, information or recommendation with respect to our products, whether contained herein or otherwise communicated, shall be legally binding unless expressly set forth in an executed written agreement.

End of PI-55