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SS-2600

Product Description

SS-2600 is a soft, room temperature foaming and curing silicone rubber developed for shock and dampening applications. SS-2600 is a lightweight, flexible tough low durometer foam product. SS-2600 is a 1:1, 2-Part silicone that when mixed, allows rapid foaming and curing of parts. SS-2600 works well in manual and automatic dispensing equipment.

Product Features

- ◆ Fast 1 to 2 hour foam and cure
- ◆ 1:1 mix ratio
- ◆ Pourable liquid when uncured
- ◆ Temperature range -40 to 260C
- ◆ Tough, flexible and elastomeric

Typical Applications

- ◆ Thermal and radiation resistant rubber parts
- ◆ Silicone foam gasket fabrication
- ◆ Cushioning electronic components



Very Soft, Room Temperature Foaming and Curing Silicone Rubber

Typical Properties

UNCURED

Color	Translucent
Viscosity, cps	60,000
Specific Gravity	1.05
Consistency:	thick liquid
Working time, mins @ R.T.:	< 30
Cure time @ 23 C:	60 to 90 minutes

CURED -

Durometer, Shore OO	25
Coefficient of Thermal Expansion	20×10^{-5}

Chemical cure system

Platinum catalyzed, addition cure system

Mixing Instructions

The preferred method of mixing and application of SS-2600 is by using a 1:1 mix ratio by volume dispensing unit through a static mixer.

Packaging

SS-2600 is available in dual cartridges, 40 lb. pails and 400 lb. drums. This product is also available in customer defined packaging sizes, and custom colors upon request.

Handling precautions

The platinum catalyst can be deactivated by exposure to sulfur containing compounds like thiols, sulfides, sulfates, organic rubber containing sulfur, nitrogen containing compounds like amines, amides, imides, azides, tin metals or compounds, or tin cured RTV's. Releases hydrogen gas during foaming. Use in well ventilated areas without open flame.

Solids

98% solids, contains no solvents

Adhesion

Adhesion to most plastics and metals.

Service temperature

-45 to 260C

Handling and safety

For maximum shelf life, keep containers sealed when not in use. Keep out of the reach of children. Uncured sealant irritates eyes and skin. Refer to MSDS.

Shelf-life

Sealed containers are guaranteed for 1 year from the ship date when stored in a cool dry area below 70 F.

Limited warranty

All recommendations, statements and technical data herein are based on tests we believe to be reliable and correct, but accuracy and completeness of said tests are not guaranteed and are not to be construed as warranty, either expressed or applied. User shall rely on his own information and tests to determine suitability of the product for the intended use, and the user assumes all risk and liability resulting from the use of this product. Manufacturer's sole responsibility shall be to replace that portion of product of the manufacturer proves to be defective. Manufacturer shall not be liable to the buyer or any third party for injury, loss or damage directly or indirectly resulting from the use of, or inability to use, the product. Recommendations or statements other than those contained in a written agreement signed by an officer of the manufacturer shall not be binding by the manufacturer.

This product has not been tested for, and is therefore not recommended for, uses for which prolonged contact with mucous membranes, abraded skin, or blood is intended; or for uses which implantation within the human body is intended.

**** Customized versions available upon request ****

