



# Teroson SI 113

March 2014

## PRODUCT DESCRIPTION

Teroson SI 113 provides the following product characteristics:

<b>Technology</b>	Silicone
<b>Chemical Type</b>	Alcoxy silicone
<b>Appearance (uncured)</b>	Transparent, White, Grey colored paste
<b>Components</b>	One component - requires no mixing
<b>Thixotropic</b>	Reduced migration of liquid product after application to substrate
<b>Cure</b>	Room temperature vulcanizing (RTV)
<b>Application</b>	Sealing
<b>Specific Benefit</b>	Excellent fungi resistance

Teroson SI 113 is a one-component, moisture curing, non-corrosive silicone. The thixotropic nature of Teroson SI 113 reduces the migration of liquid product after application to the substrate. Teroson SI 113 has been designed specially for sealing applications where excellent resistance against mildew is required. The cured product provides a flexible seal with high elongation value. This product is typically used in applications up to 150°C.

### ISO Classification

Teroson SI 113 has obtained the ISO 846 qualification certificate concerning its fungicide capability.

### TYPICAL PROPERTIES OF UNCURED MATERIAL

Specific Gravity @ 25°C                    1.03  
 Extrusion rate (ISO 9048), g/min        350  
 Flash Point - See MSDS

### TYPICAL CURING PERFORMANCE

#### Surface cure

Skin formation time @ 23°C / 50%RH, min 11

### TYPICAL PROPERTIES OF CURED MATERIAL

Shore Hardness, ISO 868, Durometer A    20  
 Volume shrinkage, ISO 10563, %            5  
 Tensile Strength, ISO 37, N/mm<sup>2</sup>            2.5  
 Elongation, at break, ISO 37, %            780

### GENERAL INFORMATION

**This product is not recommended for use in pure oxygen and/or oxygen rich systems and should not be selected as a sealant or chlorine or other strong oxidizing materials.**

**For safe handling information on this product consult the Material Safety Data Sheet (MSDS).**

### Directions for use:

1. For best performance bond surfaces should be clean and

free from grease.

2. Moisture curing begins immediately after the product is exposed to the atmosphere, therefore parts to be assembled should be mated within a few minutes after the product is dispensed.

3. The bond should be allowed to cure (e.g. seven days), before subjecting to heavy service loads.

4. Excess material can be easily wiped away with non-polar solvents.

### STORAGE

Store product in the unopened container in a dry location. Storage information may be indicated on the product container labeling.

**Optimal Storage: 8 °C to 21 °C. Storage below 8 °C or greater than 28 °C can adversely affect product properties.**

Material removed from containers may be contaminated during use. Do not return product to the original container. Henkel Corporation cannot assume responsibility for product which has been contaminated or stored under conditions other than those previously indicated. If additional information is required, please contact your local Technical Service Center or Customer Service Representative.

## ADDITIONAL INFORMATION

### Haftungsausschluss

#### Note:

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### Reference 0.0

#### TDS Information

##### Teroson SI 113

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