QSil Primer #8

PRODUCT DESCRIPTION
QSil Primer #8 is a general-purpose primer for use with most silicone elastomers. The formulation is a one-component solvent-based primer.

KEY FEATURES
- Fast-drying, one-component for ease of use
- Designed to effectively coat a wide variety of surfaces
- Appropriate for substrates and plastics that may experience etching or crazing from hydrocarbon solvents
- Engineered to impart strong adhesion to difficult substrates
- Provides a complementary interface for addition cure silicones
- Compatible with condensation cure silicones

TYPICAL PROPERTIES

<table>
<thead>
<tr>
<th>TEST</th>
<th>QSil Primer #8</th>
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</thead>
<tbody>
<tr>
<td>Appearance</td>
<td>Pale yellow to yellow</td>
</tr>
<tr>
<td>Specific Gravity</td>
<td>0.77</td>
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<tr>
<td>Solvent</td>
<td>Denatured Ethanol</td>
</tr>
<tr>
<td>Flash Point</td>
<td>59 °F (15 °C) DOT Flammable Material</td>
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<tr>
<td>Dry Time</td>
<td>30 minutes</td>
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</tbody>
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SURFACE PREPARATION
All surfaces to be primed need to be free of contaminants. Additionally, cleaning with a solvent that is non-detrimental to the substrates is highly recommended. Surfaces should also be dry before applying QSil Primer #8.

PROCEDURE
Primers can be applied by brushing, wiping, spraying, or dipping. A coating thickness of 0.5 mil is recommended. A recommended curing condition for QSil Primer #8 is 30 minutes at room temperature and a minimum of 40% relative humidity. With appropriate application testing, the end-user may find that shorter or longer cure times are optimal for adhesion. While not required for curing the primer, exposing primed parts to a modest elevated temperature, 50 °C for 10 minutes as an example, can be beneficial in cases where residual solvent that may have flowed under complex parts or structures needs driven off.

A primed part can be used up to 6 hours after coating as long as the substrate is contaminant free. Again, with appropriate application testing, shortening or lengthening this time may be beneficial to processing and/or adhesion. It is recommended that a small test specimen be run to ensure that the material performs as needed.
STORAGE AND SHELF LIFE
This product is best when used within 24 months from date of manufacture. See product label and/or CoA for specific “Use By Date”.

Product should be stored in its original, unopened container in an environment that does not exceed 38 °C (100 °F).

Storage beyond the date specified on the label does not necessarily mean that the product is no longer usable. In this case, the properties required for the intended use should be checked for quality assurance reasons.

DISCLAIMER
The technical data listed is provided for reference only and is not intended as product specifications. CHT USA’s team accepts opportunities to either modify specifications in a current product or custom formulate a new one to meet your requirements. For sales and technical assistance, please contact us at: (804) 271-9010 or 1-800-852-3147.

Please be sure to visit our website daily for our complete product portfolio, new product introductions and more:

www.silicone-experts.cht.com
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