Introduction
This is a two-component room temperature condensation curing silicone compound. The cured product is an exceptionally flexible rubber with very high mechanical properties and good shelf life stability. It is suitable for mould making of intricate patterns with extremely good pick up of fine details. Softer grades are better suited for use where there are deep undercuts.

Key Features
- Soft resilient rubber
- Suitable for Tampo Print Pads
- Flexibility for deep undercuts
- Fine detail pick up

Use and Cure Information
The curing process starts as soon as the catalyst is added. Under normal conditions of temperature and humidity typical curing characteristics are described below. If the product is to be used in contact with aggressive chemicals, such as high styrene polyester resins or epoxies, it is recommended that the rubber be allowed to cure for 48 hours before use.

How to Use
Charge 100 parts by weight of Base Rubber and 5 parts by weight of catalyst into a suitable plastic or metal container. The volume of the mixing vessel should be sufficient to allow for rapid expansion which takes place during the initial degassing of the catalysed rubber. Mix thoroughly avoiding excessive air entrapment but using the colour contrast to achieve homogeneity. Stop the mixer and scrape the vessel walls a few times. To prevent imperfections due to bubbles in the cured rubber, it is advisable to de-aerate the liquid rubber by using intermittent evacuation for a few minutes. Normally after releasing the vacuum 2 or 3 times, the mass collapses naturally after which degassing should continue for only a few minutes.

Vertical Application
This Product can be used to make mouldings on vertical surfaces by employing Thixotropic Agent, MM900 series 100 parts by weight of Base Rubber and 5 parts by weight of Catalyst mix in the above order. When using the fast cure catalyst, if degassing is required it must be done quickly after catalysation and before the addition of the Thixotropic Agent MM900. Pot life and rate of cure is slightly shorter in the presence of TA2.

Standard catalyst for use with the MM900 series of rubbers

<table>
<thead>
<tr>
<th>Code</th>
<th>Ratio</th>
<th>Colour</th>
<th>Pot Life</th>
<th>De-Mould</th>
</tr>
</thead>
<tbody>
<tr>
<td>MM CAT BSNT</td>
<td>20:1</td>
<td>Blue</td>
<td>&gt;45 mins</td>
<td>&lt;24 hrs</td>
</tr>
<tr>
<td>MM CAT RSNT</td>
<td>20:1</td>
<td>Red</td>
<td>15-45 mins</td>
<td>&lt;3 hrs</td>
</tr>
<tr>
<td>MM CAT LWNT</td>
<td>20:1</td>
<td>Clear</td>
<td>&gt;45 mins</td>
<td>&lt;24 hrs</td>
</tr>
<tr>
<td>MM CAT LW8</td>
<td>20:1</td>
<td>Clear</td>
<td>&gt;120 mins</td>
<td>&lt;24 hrs</td>
</tr>
</tbody>
</table>

Packaging
CHT Moulding Rubbers are available in a variety packaging including bulk containers. Please contact our sales department for more information.

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