

## SILCO CT 5144 Low cyclic silicone non-ionic PDMS gum emulsion

Description	Property	Test Method	Value
This product is a non-ionic industrial emulsion of extremely high molecular weight polydimethylsiloxane.	<b>Product</b>		
<b>Key Features</b>	Appearance		<b>Light yellow paste</b>
<ul style="list-style-type: none"> <li>High solids emulsion of high molecular weight PDMS</li> <li>Low cyclic silicones</li> <li>Provides mar resistance and anti blocking properties</li> <li>Performs at low concentrations</li> </ul>	Ionicity		<b>non-ionic</b>
<b>Key Applications</b>	Solids Content (%)		<b>80 %</b>
<ul style="list-style-type: none"> <li>Water based paints, inks, and coatings</li> <li>Leather conditioning</li> <li>Rubber treatment</li> <li>Printing applications</li> </ul>	pH		<b>4.5</b>
<b>Use and Cure Information</b>	<b>Storage</b>		
To optimize the dispersion of the product into the final formulation, it is recommended to add it slowly at the end of the procedure at a temperature below 40 °C (104 °F) with continuous mixing or stirring. Recommended use levels for conditioners is 1% to 5%.	Max Storage Temperature		<b>40 °C / 104 °F</b>
<b>Health &amp; Safety</b>	Min Storage Temperature		<b>4 °C / 39 °F</b>
Read product and safety data sheets before handling this product for physical and health hazard information. The safety data sheet is available from your CHT representative.	Shelf Life		<b>12 mths</b>
<b>Limitations</b>			
This product is not intended for pharmaceutical use.			

Revision Date      26 Mar 2024  
 Revision No        4  
 Download Date     03 Jul 2024