

# Silcolapse® 610

October 2017

## Silicone Antifoam Compound

<b>Description</b>	<p><b>Silcolapse® 610</b> is a 100% active silicone antifoam and/or defoamer. It offers excellent antifoam and defoaming properties in a wide variety of aqueous and non-aqueous industrial applications. The product effectively controls foam at concentrations as low as 10 ppm solids, even at elevated temperatures. The product gives good results at wide-ranging pH and provides a cost effective solution where foam is a problem.</p>		
<b>Applications</b>	<p><b>Silcolapse® 610</b> is a broad spectrum antifoaming and defoaming agent which can be used to control or destroy foam in many industrial applications. Typical applications in which it can be used include:</p> <ul style="list-style-type: none"> <li>• <b>Crop Protection</b> – product formulations; emulsifiable concentrates and aqueous dispersions</li> <li>• <b>Detergents</b> – liquids, soaps, and powdered formulations</li> <li>• <b>Pulp / Paper Industry</b></li> <li>• <b>Chemicals</b> – distillation, extraction, filtration</li> <li>• <b>Formulated</b> antifoam emulsions</li> </ul>		
<b>Advantages</b>	<ul style="list-style-type: none"> <li>• Effective in alkaline conditions</li> <li>• Easy to use, either as is or pre-diluted</li> <li>• Cost efficient, effective at low doses</li> <li>• Chemically inert, will generally not alter the properties of the foaming medium</li> <li>• Effective at high temperatures</li> </ul>		
<b>Characteristics</b>	<table border="1"> <tr> <td data-bbox="407 1066 574 1157"> <ul style="list-style-type: none"> <li>• Appearance</li> <li>• Actives, %</li> <li>• Diluents</li> </ul> </td> <td data-bbox="951 1066 1284 1157"> <p>Grey/white opalescent liquid 100 Hydrocarbon solvents</p> </td> </tr> </table>	<ul style="list-style-type: none"> <li>• Appearance</li> <li>• Actives, %</li> <li>• Diluents</li> </ul>	<p>Grey/white opalescent liquid 100 Hydrocarbon solvents</p>
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<p><small>Please note: The typical properties listed in this bulletin are not intended for use in preparing specification for any particular application of SILCOLAPSE® silicone materials. Please contact our Technical Service Department for assistance in writing specifications.</small></p>			
<b>Instructions for use</b>	<p>Trial tests should be carried out to determine the quantity of antifoam needed to produce best results and assure no adverse interference with product or process performance. Testing should be started at 10 ppm and increased or decreased based on the results.</p>		
<b>FDA Regulatory Information</b>	<p><b>FDA Status</b> The Ingredients in <b>Silcolapse® 610</b> are permitted for FDA regulated applications as follows:</p> <ul style="list-style-type: none"> <li>• 21 CFR 176.210 Defoaming agents used in the manufacture of paper and paperboard</li> </ul>		
<b>EPA Regulatory Information</b>	<p><b>EPA Pesticide Chemical Regulations</b> The Ingredients in <b>Silcolapse® 610</b> are exempt from the requirement of a tolerance under EPA regulations:</p> <ul style="list-style-type: none"> <li>• 40 CFR 180.910</li> </ul>		
<b>Packaging</b>	<p><b>Silcolapse® 610</b> is available in 1000 kg totes, 200 kg drums and 20 kg pails</p>		



# Silcolapse® 610





## Storage and shelf life

**Silcolapse® 610** when stored in the original, unopened container between (5-40°C), can be stored for 12 months from the date of manufacture. Beyond this date, Elkem Silicones no longer guarantees that the product meets the sales specifications.

## Safety

Please read the product label for **Silcolapse® 610** and consult the Safety Data Sheet (SDS) before handling to review hazards as well as safe handling and storage information. If you need to obtain the SDS for **Silcolapse® 610**, please contact your Elkem Silicones representative.

**Silcolapse®** is a registered Trademark of **Elkem SILICONES**

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### Warning to the users

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