

Silcolapse® 610

Silicone Antifoam Compound

November 2017

Description	Silcolapse® 610 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.						
Applications	<p>Silcolapse® 610 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"> • Crop Protection – product formulations; emulsifiable concentrates and aqueous dispersions • Detergents – liquids, soaps, and powdered formulations • Pulp / Paper Industry • Chemicals – distillation, extraction, filtration • Formulated antifoam emulsions 						
Advantages	<ul style="list-style-type: none"> • Effective in alkaline conditions • Easy to use, either as is or pre-diluted • Cost efficient, effective at low doses • Chemically inert, will generally not alter the properties of the foaming medium • Effective at high temperatures 						
Characteristics	<table border="1"> <tr> <td>• Appearance</td> <td>Grey/white opalescent liquid</td> </tr> <tr> <td>• Actives, %</td> <td>100</td> </tr> <tr> <td>• Diluents</td> <td>Hydrocarbon solvents</td> </tr> </table> <p>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.</p>	• Appearance	Grey/white opalescent liquid	• Actives, %	100	• Diluents	Hydrocarbon solvents
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Instructions for use	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.						
FDA Regulatory Information	<p>FDA Status</p> <p>The Ingredients in Silcolapse® 610 are permitted for FDA regulated applications as follows:</p> <ul style="list-style-type: none"> • 21 CFR 176.210 Defoaming agents used in the manufacture of paper and paperboard 						
EPA Regulatory Information	<p>EPA Pesticide Chemical Regulations</p> <p>The Ingredients in Silcolapse® 610 are exempt from the requirement of a tolerance under EPA regulations:</p> <ul style="list-style-type: none"> • 40 CFR 180.910 						
Packaging	Silcolapse® 610 is available in 1000 kg totes, 200 kg drums and 20 kg pails						
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.						

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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.

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Warning to the users

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