

Silcolapse® 825

Silicone Antifoam Compound

November 2017

Description	<p>Silcolapse® 825 is a 100% active viscoelastic silicone antifoam compound.</p> <p>Silcolapse® 825 is part of a family of high performance antifoam compounds specially designed to control foam in aggressive foaming media.</p>										
Applications	<p>Silcolapse® 825 is used as is or formulated into emulsions used to control foam in high foaming and chemically aggressive foaming media.</p> <ul style="list-style-type: none"> • Pulp Industry: chemical pulping operations like digestion and brown stock washing • Oil & Gas Industry: upstream and downstream processes <p>Aggressive Chemical Processes: Any chemical process where standard performance antifoams provide only a marginal benefit</p>										
Features	<ul style="list-style-type: none"> • Excellent antifoam efficiency with long lasting foam control performance. • High persistence even in alkaline conditions and at high temperatures. • Highly efficient compared to conventional organic oil-based defoamers 										
Typical Properties	<table border="1"> <thead> <tr> <th></th> <th>Silcolapse® 825</th> </tr> </thead> <tbody> <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> <tr> <td>• Average Viscosity</td> <td>30,000 cPs</td> </tr> </tbody> </table> <p><small>Please note: The typical properties listed in this bulletin are not intended for use in preparing specifications for any particular application of Silcolapse® silicone materials. Please contact our Technical Service Department for assistance in writing specifications.</small></p>		Silcolapse® 825	• Appearance	grey/white opalescent liquid	• Actives, %	100	• Diluents	hydrocarbon solvents	• Average Viscosity	30,000 cPs
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Instructions for use	<ul style="list-style-type: none"> • Silcolapse® 825 is efficient in aqueous and non-aqueous media. • Silcolapse® 825 is normally used at low concentrations between 1 and 100 mg/kg (or per liter). • Silcolapse® 825 can be formulated into an aqueous emulsion by using commercially available emulsifiers or silicone emulsifiers like Bluesil SP3300. • Silcolapse® 825 can be formulated with others Elkem Silcolapse® compounds in order to improve or change certain performance parameters. • Silcolapse® 825 can be formulated with aliphatic or aromatic solvents for non aqueous media such as, hydrocarbons. • Silcolapse® 825 can be formulated with some ketones and alcohols (methyl ethyl or methyl isobutyl ketone or tertiary butanol) when used in some aqueous and non aqueous medias. <p>Contact your local Elkem Silicones Technical Services Lab for recommendations.</p>										
FDA Regulatory Information	<p>FDA Status:</p> <p>The Ingredients in Silcolapse® 825 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 										
Storage and shelf life	<p>Silcolapse® 825 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.</p>										

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Safety	Please read the container label for Silcolapse® 825 or consult the Material Safety Data Sheet (MSDS) before handling for safe use, physical and health hazard information. The MSDS is not included with the product packaging, but can be obtained by contacting Elkem Silicones at 866-474-6342 or consult your Elkem Silicones representative.
Packaging	Silcolapse® 825 is available in 200 kg drums and 1000 kg tote containers.

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