

Silcolapse® 623

October 2017

Silicone Antifoam Emulsion

Description **Silcolapse® 623** is a 30% silicone antifoam emulsion designed for use in a wide range of aqueous industrial applications. The product effectively controls foam at concentrations as low as 10 ppm solids, even at elevated temperatures and under pressure. **Silcolapse®623** gives good results at wide-ranging pH and is particularly effective under alkaline conditions.

Examples of applications	Industrial	Synthetic Rubber Processing
	<ul style="list-style-type: none"> • Soap & industrial detergent manufacturing • Plastics Recycling • Investment Casting 	<ul style="list-style-type: none"> • Natural or synthetic latex
	Petroleum Refining	Paints, Inks and Varnishes
	<ul style="list-style-type: none"> • Gas scrubbing • Cement & Drilling muds • Asphalt production 	<ul style="list-style-type: none"> • Manufacture of aqueous pigments dispersions
		Textiles
		<ul style="list-style-type: none"> • Sizing, Bleaching and Finishing • High Temperature Dyeing

- Advantages**
- Easy to use – as supplied or pre-diluted in water or in the medium to be defoamed
 - Cost efficient, effective in doses as low as 10 ppm
 - Highly effective in most aqueous media, and at many pH levels
 - Chemically inert in foaming systems – will not alter the properties of the foaming medium
 - Heat resistant – withstands temperatures up to 120°C (248°F)
 - Low viscosity allows it to be used with automatic metering systems

Characteristics

	<u>Silcolapse® 623</u>	
• Appearance		Opaque white
liquid		
• Silicone Actives, %		30
• Specific Gravity		1.0
• Emulsion System		Nonionic
• Product pH		6.5 –
8.5		
• Diluents		

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.

Instructions for use

Trial tests should be carried out to determine the quantity of antifoam needed to produce best results. Testing should be started at 10 ppm and increased or decreased based on the results. If prediluting product, do not use less than 1% solids and always dilute water into silicone. Infrequently, separation can occur during transport or storage; if this occurs, agitate gently until homogeneous.



Elkem

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Packaging

Silcolapse® 623 is available in 1000 kg totes, 200 kg drums and 20 kg pails.

Storage and shelf life

When stored in the original, unopened container between (5-40°C), **Silcolapse® 623** can be stored for 12 months from the date of manufacture. Beyond this date, Elkem Silicones no longer guarantees that the product meets the original sales specifications.

Safety

Please read the product label for **Silcolapse® 623** 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® 623**, please contact your Elkem Silicones representative.

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Warning to the users

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