

Silcolapse® Antifoam Products

Water soluble defoamers for use in industrial and food applications

www.vanhornmetz.com

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Elkem Silicones is dedicated to serving the Antifoam and Defoamer markets by building a lasting partnership you can rely upon. With over 50 years experience, Elkem Silicones is committed to serving our customers by respecting all regulatory standards and offering you extensive service, material expertise, and helping you in your sustainable development policy. Our technical service teams are at your disposal to help you choose the best foam control additive to suit your needs.

Our Silcolapse® 600 series is used in a wide range of industrial applications. These water soluble additives effectively control foam at very low concentrations.

Silcolapse® 623 and 621 are 30% and 10% emulsions respectively formulated using Silcolapse® 610 as the active defoaming silicone compound.

Our Silcolapse® 700 series are formulated to be a food grade alternative to the 600 series and are used in a wide range of indirect food contact applications. Silcolapse® 723, 722 and 721 are 30%, 20% and 10% emulsions respectively formulated using the Silcolapse® 710 compound and all are kosher certified.

All of these products effectively control foam at concentrations as low as 10 ppm solids, even at elevated temperatures under pressure at wide-ranging pH. They are particularly effective in alkaline conditions.



Silcolapse® 600 series applications:

- | | | |
|--------------------------|-----------------------|-----------------|
| ➤ Plastics and Recycling | ➤ Water Treatment | ➤ Agrochemicals |
| ➤ Pulp and Paper | ➤ Chemical Industries | ➤ Oil and Gas |

Silcolapse® 700 series applications:

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|-----------------------------|--|
| ➤ Rendering - poultry, beef | ➤ Manufacturing operations with indirect food contact |
| ➤ Edible oil manufacturing | ➤ Agrochemicals – pesticides, insecticides, fertilizer |
| ➤ Fermentation | ➤ Processing seafood, potatoes, freeze dried products |

Typical Properties	Silcolapse® Product	Appearance	Actives, %	Emulsifier Type	pH	Diluents	Viscosity, cps
	610	Translucent, viscous	100	na	na	Various solvents	-
	621	Milky white	10	non-ionic	7	Water	600
	623	Milky white	30	non-ionic	7	Water	1100
	710	Translucent, viscous	100	na	na	Various solvents	-
	721	Milky white	10	non-ionic	5	Water	800
	722	Milky white	20	non-ionic	5	Water	1000
	723	Milky white	30	non-ionic	5	Water	1200

-The typical properties listed above are not intended for use in preparing specifications. The purchaser has the sole responsibility to select a particular Elkem Silicones product and determine its application suitability.

03/2021