

# PAINT & COATING SOLUTIONS

## FOAM CONTROL



**HYDRITE** CHEMICAL CO.

Providing Creative Solutions



## WHO IS HYDRITE?

Here at Hydrite we pride ourselves on being a private, family owned and operated company. Today we stand at over 1000 employees with our number one goal of achieving 100% customer satisfaction. Over the years we've immersed ourselves in a number of areas including architectural, automotive, industrial, construction, adhesive, printing inks and many more. Our focus has always been to address customer challenges and generate opportunities from our creative solutions. The products presented in the following pages are made specifically to help you achieve your strategic goals. Whether this may be lowering the overall cost or targeting the right product for your application, Hydrite's people will assist in achieving your goals. We communicate openly with our customers and welcome feedback to advance a better tomorrow. This can be summarized in just a few short words. Communication, Collaboration, Cooperation.



## WHY DO BUSINESS WITH HYDRITE?

### TECHNOLOGY

Dedicated, multifunctional technical, & lab capabilities

### CULTURE

"Customer first" is in our blood

### PEOPLE

Experienced and diverse industry leaders

### OPERATIONS

Nimble and flexible operations

**Suppressor™** is our flagship product line used for many of our foam control agents. A household named that delivers excellent suppression of foam in your desired application.

**Patcote™** is a product line that was added through an acquisition strengthening our portfolio and adding additional technologies for our team. It continues to benefit many industries today.



**+**      **Good**  
**+++**    **Excellent**

**Addition Exterior/Interior Paints**

**Coatings**

	Defoamer/ Antifoam	Base Technology	Grinding Stage	Let-Down Stage	Flat/Matte	Eggshell Satin	Semi-gloss	High Gloss	Acrylic	Alkyd	Epoxy	Polyurethane	Polyester	VAE	Microfoam
Suppressor 1723	Siloxane	++		+						+	+	+		+	
Suppressor 2120	Siloxane	+		+						++	+	+		+	
Suppressor 2132	Siloxane	++		+						+	+	+		+	
Suppressor 2183	Siloxane	++		+						++	+	+		++	
Suppressor 2206	M.O.	+	+	+				++	+++	++		+			
Suppressor 2218	M.O.	++	+++	+++	+++	+		++	++	++	++	++	+		
Suppressor 2219	M.O.	+++	++	+++	++	+		+	++	+	+	+	+		
Suppressor 2222	M.O.	+++	++	+++	+++	++	+	++	+	+	++	+	+	++	
Suppressor 2223	M.O.	++	++	++	++			++	+	+	+	+	+		
Suppressor 2225	M.O.	+++	++	+++	++	+		++	++		+		+		
Suppressor 2231	M.O.	++	++	+++	+++	+		++	+				++		
Suppressor 2233	M.O.	++	+	+++	++			+++	+	+	+	+	+		
Suppressor 2237	M.O.	++	++	++	++	+		++	+				++		
Suppressor 2238	M.O.	+++	+	++		+						+	++		
Suppressor 2250	M.O.	+++	+	+++	+++	+		++	++	+	++	+	+		
Suppressor 2324	Synthetic	++	++	++	++	+++	+++	++	+	+	+		+	++	
Suppressor 2333	Synthetic	+	+	+	+			++	++	+	+			+	
Suppressor 2340	Synthetic	+	+	+	+			+	+	+	+			+	
Patcote 460	Solv.	+							++		+	+	+	+	
Patcote 519	Solv.	+	++	+	+			++	+	++				++	
Patcote 525	Solv.	+						++		++	++	+		++	
Patcote 577	Solv.	+						+	++		++		+		
Patcote 801	M.O.	++	+	++	++	+		+	+	+	+	+			

*Feel free to give Hydrite a ring for formulation assistance or just want to chat!*

**Technical Assistance: 414-973-4250**



## Product Descriptions

Base Technology	Product Name	Description	Incorporation (% wt)
Mineral Oil	Patcote 801	A non-silicone defoamer designed for PVA acrylics, alkyds & acrylic emulsions.	0.4 - 1.2
Mineral Oil	Patcote 858	A concentrated antifoam designed for architectural & industrial coatings. This non-silicone product performs best in water-based acrylics, alkyd and epoxy systems.	0.25 - 0.5
Mineral Oil	Suppressor 2206	A multi-functional product designed for use in high solids systems based on alkyds. It is easy to incorporate and used in a wide-range of paint and coating systems.	0.1 - 0.6
Mineral Oil	Suppressor 2218	A formulated product designed for aqueous-based systems that delivers effective persistence in medium to high pigment concentrations.	0.1 - 0.3
Mineral Oil	Suppressor 2219	This product can be integrated in the grind or used as a letdown defoamer. It is a fortified emulsion used in multiple coating and adhesive formulations.	0.1 - 0.5
Mineral Oil	Suppressor 2222	A hyper-branched polymer designed for use on the molecular level affording the end user control of both foam and microfoam. The strongest product in the mineral oil series used from semi-gloss systems to unique coating applications.	0.2 - 0.6
Mineral Oil	Suppressor 2223	A specialty product designed for aqueous applications in styrenated acrylics.	0.1 - 0.4
Mineral Oil	Suppressor 2225	A formulated product created for applications where high performance is needed especially in high shear applications.	0.1 - 0.5
Mineral Oil	Suppressor 2231	A multi-purpose defoamer used in most aqueous systems especially in latex and styrenated acrylics. It is also very efficient in extreme pH systems.	0.1 - 0.3
Mineral Oil	Suppressor 2233	Designed for applications that require excellent persistence in high shear applications.	0.1 - 0.3
Mineral Oil	Suppressor 2237	A built product formulated to deliver excellent control of foam in many industrial coatings and low gloss paint systems.	0.1 - 0.3
Mineral Oil	Suppressor 2238	A concentrated antifoam very effective as a grind defoamer. It works particularly well in paint systems up to satin gloss. It can also be used in resin systems based upon acrylics.	0.1 - 0.5
Mineral Oil	Suppressor 2250	A product especially formulated with a unique combination of hydrophobes created to deliver effectiveness in most waterborne paint systems.	0.2 - 0.6
Synthetic	Suppressor 2324	A VOC-free siloxane emulsion designed for a high degree of performance in higher gloss systems. It is particularly easy to use and incorporated at low shear.	0.1 - 1.0
Synthetic	Suppressor 2333	This product offers a mixture of synthetic bases allowing the end user to efficiently eliminate entrained air in high viscosity applications.	0.01 - 0.25
Synthetic	Suppressor 2340	A proprietary defoamer used to combat entrained air and microfoam. This product can prove to be effective in high-solids applications.	0.01 - 0.4
Siloxane	Suppressor 1723	An organic emulsion used for overcoming silicone incompatibility. This product delivers improved control without lowering gloss.	0.05 - 0.5
Siloxane	Suppressor 2120	This active silicone compound is used in a number of systems where foam is especially difficult.	0.01 - 0.2
Siloxane	Suppressor 2132	A specialty formulated product made to eliminate entrained air. The low surface tension allows for efficient performance against both macro and micro foam.	0.01 - 0.25
Siloxane	Suppressor 2183	A highly active solution designed to deliver effective control of both foam and microfoam. It can also be used as a deaerator in many coatings applications.	0.05 - 0.3
Solvent	Patcote 460	A non-silicone defoamer used in solvent based systems with proven effectiveness in high solid coatings systems.	0.2 - 1.0
Solvent	Patcote 519	This proprietary formula is excellent in water-based systems and is added directly to the letdown stage without requiring high shear mixing.	0.2 - 0.5
Solvent	Patcote 525	A designed product made for most industrial coating systems including water-reducible applications.	0.2 - 0.5
Solvent	Patcote 577	A designed product made for most industrial coating systems including water-reducible applications.	0.2 - 1.0

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