

Additives for Ink & Graphic Arts

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		Inks	Fountain Solutions	Overprint Varnish	Pigment Dispersion (resinated)	Pigment Dispersion (Resin-free)		
Wetting	Defoamer	STRATASURF DF-58	○		●	●		
	Molecular Defoamers	STRATASURF DF-110*	○	●		●	●	
		STRATASURF MD-20	○	○		●	●	
		STRATASURF 14	●	○		○	○	
		STRATASURF 604	●					
		STRATASURF 607		●				
	STRATASURF 420	●	●					
	STRATASURF 440	●	●					
	STRATASURF 465		●					
	STRATASURF FS-85		●					
	STRATASURF OP-340			●				
	STRATASURF SE-F	●						
	Grind	STRATASURF DIS-221				●	●	
		Dispersing	STRATASURF DIS-131				●	●
			STRATASURF DIS-171				●	●
			STRATASURF DIS-231				●	●
			STRATASURF DIS-324					●

- Best Suited
- Secondary option
- * Multiple Variants



STRATACHEM
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Striving to Excel Beyond Excellence

We, at STRATACHEM SPECIALITIES PVT. LTD., strive to evolve as a global manufacturer-supplier of high performance Gemini surfactants under **STRATASURF**® brand. This has only been possible due to constant and persistent search by our product development team into identifying new chemistries to upgrade our customers to. At STRATACHEM, innovation is a habit.

As our world gradually identifies sources of renewable energy to save environment, we see a paradigm shift away from solvent-borne chemistries to solvent-free / aqueous technology. We have adapted to this transition to water-based systems to be in sync with rest of the world.

Our surfactants may solve your formulating challenges but it is our technical support that makes for an interesting experience for our customers in using STRATASURF. Our customers achieving their targets using our surfactants means our mission is accomplished. From ideas to finished products, our team can help you develop products, solve problems and grow your business.

STRATACHEM's STRATASURF coating additives and STRATAFOAM defoamers / antifoams are widely used in industries and applications such as in paints, coatings, inks, adhesives, metalworking fluids, building & construction etc. We endeavour to develop innovative and useful surfactant chemistries that will end the challenges facing formulators.

STRATASURF® additives are the star-performers among wetting agents, antifoams, grinding aids and dispersing agents available in the world today. We have enhanced the application and use of the most potent acetylenic diol molecules and have presented to you a comprehensive line of additives and we promise that our journey to discover and develop something new will be our lifelong effort.

For a detailed insight into our industry-wise product offering, please visit our websites www.stratasurf.in and www.defoamers.asia.

Additives for Paints & Coatings

<div>Defoamers</div> <div>Wetting</div>	<div>Molecular Defoamers</div> <div>Grind</div> <div>Dispersing</div>		Architectural	Industrial Maintenance	Automotive	Speciality Paper	Plastic	Wood	Powder	Pigment Dispersion (base)	Pigment Dispersion (colorant)
		STRATASURF DF 37		○	○						
		STRATASURF DF-58	●	●			○	●		●	●
		STRATASURF PC				●					
		STRATASURF DF-110*		●	●						●
		STRATASURF MD-20		○	●	●	●	●			●
		STRATASURF 14	●	●	●		●	●	●	○	○
		STRATASURF 500S							●		
		STRATASURF 604		●	●		●	●			
		STRATASURF 607		●	○	●	●	●			
		STRATASURF 420			●	●					
		STRATASURF 440		●	●	●	○	●			
		STRATASURF 465			●						
		STRATASURF 485		●							
		STRATASURF PSA 336				●	○				

● Best Suited ○ Secondary option * Multiple Variants

Additives for adhesives, construction and industrial specialties

<div>Defoamer</div> <div>Molecular Defoamers</div> <div>Wetting</div> <div>Grind</div>		Adhesives: Film and PSA	Adhesives: Engineered Lumber	Lamination Adhesives	Latex Dipping	Construction: Superplasticizers/ Admixtures	Construction: Dry-mix Mortars	Agrochemicals	Metalworking
	STRATASURF DF-220	○			○				
	STRATASURF DF-37				●				
	STRATASURF DF-58					●			●
	STRATASURF DF-110*			○					○
	STRATASURF MD-20	●		○	●	●			○
	STRATASURF 14	●	●	○				●	●
	STRATASURF MD600S						●		
	STRATASURF 500S						●		
	STRATASURF 420	●	●						●
	STRATASURF 440	●	○	●		●		●	●
	STRATASURF 465				●			●	●
	STRATASURF 485*				●			●	●
	STRATASURF PSA204	○							
	STRATASURF PSA216	○							
	STRATASURF PSA336	●							
	STRATASURF SE	●						●	
	STRATASURF SE-F	●	●						
	STRATASURF 604	●				●			
	STRATASURF 607	●							
	STRATASURF TG				●				
	STRATASURF DIS-221							●	

● Best Suited ○ Secondary option * Multiple Variants

- Improves wetting, retraction, reduces/eliminates surface defects, in both wet and dry lithographic inks.
- APEO-free.

STRATASURF PC

- Molecular defoamer (40% active liquid).
- A formulation designed for foam control and pigment shock reduction in paper coating formulations.
- Provides persistent defoaming Stable in continuous systems.
- APEO-free.

ADDITIVES FOAM PRESSURE SENSITIVE ADHESIVES

STRATASURF PSA204

- 75% active wetting agent exhibits low dynamic surface tension and substrate wetting with very low foam generation in water-based aqueous pressure sensitive and laminating adhesives.
- Solvent and APE-free.

STRATASURF PSA216

- 75% active wetting agent exhibits low dynamic surface tension and substrate wetting with low foaming in aqueous pressure sensitive and laminating adhesive applications.
- Solvent and APE-free.

STRATASURF PSA336

- Wetting agent (80% active solution in water). Exhibits very low dynamic surface tension and substrate wetting while minimizing foam creation in water-based pressure sensitive and laminating adhesives.
- Solvent and APE-free.

STRATASURF SE

- Self-emulsifiable wetting agent and defoamer (80% active liquid in water). STRATASURF SE surfactant is a self-emulsifiable product based on acetylenic diol chemistry. Provides similar performance to STRATASURF 14, but improved handling and incorporation in a wide variety of aqueous systems .APE-free.

STRATASURF SE-F

- Self-emulsifiable wetting agent and defoamer (80% active liquid in water). STRATASURF SE-F surfactant is a self-emulsifiable product based on acetylenic diol chemistry. Provides similar performance to STRATASURF SE.

STRATASURF TG

- Nonionic pigment grind aid and wetting agent (83% active solution in water and ethylene glycol). STRATASURF TG surfactant is a proprietary additive designed for pigmented systems that provides low foam pigment and substrate wetting and can significantly improve the milling process and pigment colour development when used with dispersants or grind resins in aqueous dispersions and other aqueous systems.

STRATASURF GA

- Nonionic pigment grind aid and wetting agent (70% active solution in water and ethylene glycol).
- It is additive designed for pigmented systems.
- Provides low foam pigment and substrate wetting, significantly improves the milling process and pigment colour development when used with series or grind resins in aqueous dispersions and other aqueous systems.

STRATASURF 604

- High-performance, nonionic superwetter (100% active liquid). STRATASURF 604 surfactant is based on patented ethoxylated, acetylenic diol surface active chemistry. Provides extremely low dynamic and equilibrium surface tension with low foam in a variety of demanding waterborne applications. Its solvent and APE-free organic chemistry makes it a performance alternative to silicone and fluoro-surfactants.

STRATASURF 607

- High-performance, nonionic superwetter (100% active liquid).
- Based on ethoxylated acetylenic diol exhibits extremely low dynamic and equilibrium surface tension with low to moderate foaming and improved solubility in a variety of demanding waterborne applications.
- Its solvent and APE-free organic chemistry makes it a excellent replacement of silicone and fluoro-surfactants.

PRODUCT OVERVIEW

Surfactants

Wetting agents

STRATASURF 14
STRATASURF 14A
STRATASURF 14BC
STRATASURF 14DPM
STRATASURF 14E
STRATASURF 14H
STRATASURF 14PA
STRATASURF 14PG50
STRATASURF 14S
STRATASURF 420
STRATASURF 440
STRATASURF 465
STRATASURF 485
STRATASURF 485W
STRATASURF 500S
STRATASURF FS-85
STRATASURF OP-340
STRATASURF PSA204
STRATASURF PSA216
STRATASURF PSA336
STRATASURF SE
STRATASURF SE-F

Superwetters

STRATASURF 604
STRATASURF 607
STRATASURF 800 Series
STRATASURF 900 Series

Defoamers

Organic-based

STRATASURF DF-37

Silicone-based

STRATASURF DF-58

Molecular

STRATASURF MD-20
STRATASURF MD-600S
STRATASURF DF-110C/D/L
STRATASURF 14
STRATASURF 14A
STRATASURF 14BC
STRATASURF 14DPM
STRATASURF 14E
STRATASURF 14H
STRATASURF 14PA
STRATASURF 14PG50
STRATASURF 14S
STRATASURF 500S
STRATASURF PC

Pigment dispersing additives

Grind aids

STRATASURF DIS-221
STRATASURF GA
STRATASURF TG

Dispersing and Wetting agents

STRATASURF DIS-131
STRATASURF DIS-136
STRATASURF DIS-171
STRATASURF DIS-231
STRATASURF DIS-324



Products At - A - Glance

STRATASURF Additives

STRATASURF 14

- A nonionic wetting agent and molecular defoamer (100% active waxy solid) STRATASURF 14 surfactant is an acetylenic diol based surface active agent
- Provides dynamic wetting and defoaming in waterborne coatings, inks, and adhesives systems.
- STRATASURF 14 is available in a number of solvent cuts as well as powdered forms. solvent and APEO-free.

- | | |
|-------------------------------|--|
| – STRATASURF 14A | – Blend with 2-Ethylhexanol |
| – STRATASURF 14BC | – Blend with 2-Butoxyethanol |
| – STRATASURF 14DPM | – Blend with Dipropyleneglycol |
| – STRATASURF 14E / 14H | – Blend with Ethylene Glycol |
| – STRATASURF 14PA | – Blend with Isopropyl Alcohol |
| – STRATASURF 14PG50 | – Blend with Propyleneglycol |
| – STRATASURF 14S | – Powdered formulation on an inorganic carrier |

STRATASURF 420

- Ethoxylated wetting agent and molecular defoamer (100% active liquid; HLB: 4).
- Improves handling in waterborne coatings, inks, and adhesives systems.
- Solvent & APEO-free.
- Insoluble in water.

STRATASURF 440

- Ethoxylated low-foam wetting agent (100% active liquid; HLB: 8).
- Provides low foam dynamic and equilibrium surface tension reduction.
- Improves dispersability and ease of incorporation in waterborne coatings, inks, and adhesives systems.
- Solvent, and APEO-free.
- Dispersible in water.

STRATASURF 465

- Ethoxylated low-foam wetting agent (100% active liquid; HLB: 13).
- Provides low foam surface tension reduction with improved solubility and compatibility in waterborne coatings, inks, and adhesives systems.
- Solvent, and APEO-free.
- Water soluble

STRATASURF 485

- Ethoxylated low-foam wetting agent (100% active liquid/semi-solid; HLB: 17).
- Provides low-foam surface tension reduction with slight emulsification properties, improved solubility and compatibility in waterborne coatings, inks, and adhesives systems.
- APEO-free.
- Water soluble

STRATASURF 485W

- Ethoxylated low-foam wetting agent (75% active solution in water; HLB: 17).
- Low-foaming surface
- Tension reduction with slight emulsification properties
- Improved solubility and compatibility in waterborne coatings, inks, and adhesives systems. APEO-free.

STRATASURF 500S

- Powdered nonionic wetting agent and molecular defoamer.
- It is a powdered preparation that provides rapid wetting of solid particles, fillers, pigments, and fibers.
- Fast mixing and enhanced workability of cementitious systems.
- APEO-free.

PIGMENT DISPERSANTS

STRATASURF DIS-131

- Anionic/nonionic pigment dispersant and wetting agent (52% active solution in water).
- Provide excellent milling, stabilization, and viscosity benefits in the dispersion of a wide range of organic, inorganic, and carbon black pigment chemistries in aqueous systems.
- Solvent-free version of STRATASURF DIS-136 additive.

STRATASURF DIS-136

- Anionic/nonionic pigment dispersant and wetting agent (52% active solution in water and ethylene glycol).
- Provides excellent milling, stabilization, and viscosity benefits in the dispersion of a wide range of organic, inorganic, and carbon black pigment chemistries in aqueous systems.

STRATASURF DIS-171

- Anionic/nonionic pigment dispersant and wetting agent (38% active solution in water).

- Provides excellent milling, stabilization, compatibility and viscosity benefits in the dispersion of a wide range of organic, and carbon black pigment chemistries in aqueous systems.
- Offers exceptional viscosity stability in the dispersion of metallic pigments.

STRATASURF DIS-221

- Nonionic pigment grind aid and wetting agent (70% active liquid in water).
- Designed for pigmented systems that provides low-foam pigment and substrate wetting.
- Significantly improve the milling process and pigment colour development when used with dispersants or grind resins in aqueous dispersions and other aqueous systems.
- APEO-free alternative to STRATASURF DIS-121 and SS-GA.

STRATASURF DIS-231

- Anionic/nonionic pigment dispersant and wetting agent (52% active solution in water).
- Provides excellent milling, stabilization, and viscosity benefits in the dispersion of a wide range of organic, inorganic, and carbon black pigment chemistries in aqueous systems.
- APEO-free alternative to STRATASURF DIS-131 and DIS-136 additives.

STRATASURF DIS-324

- Anionic/nonionic pigment dispersant and wetting agent (46% active solution in water).
- It is a proprietary formulation of surface active and polymeric chemistries.
- Provides excellent milling, stabilization, and viscosity benefits in the dispersion of a wide range of inorganic, and carbon black pigment chemistries in aqueous systems.

DEFOAMERS & MOLECULAR DEFOAMERS

STRATASURF DF-110C

- Nonionic, organic molecular defoamer (20% active liquid in polyethylene glycol).
- Provides defoaming and de-airentaining in aqueous systems without the side effects typical of many traditional foam control agents. Benefits include: microfoam elimination, long-lasting foam control, defect-free foam control, and good dynamic wetting. APEO-free.

STRATASURF DF-110D

- Nonionic, organic molecular defoamer (32% active liquid in dipropylene glycol).

- Acetylenic diol-based
- Provides defoaming and de-aeration in aqueous systems.
- No side effects typical of many traditional foam control agents.
- Prevent Micro-foams.
- Persists & defect-free foam control.
- Good dynamic wetting.
- APEO-free.

STRATASURF DF-110L

- Nonionic, organic molecular defoamer (20% active in ethylene glycol and dipropylene glycol).
- Acetylenic diol-based product.
- Provides defoaming and quick ejection of entrained air in aqueous systems
- No side effects typical of many traditional foam control agents.
- Microfoam elimination,
- Persistent and defect-free foam control
- Good dynamic wetting.
- APEO-free.

STRATASURF DF-37

- Nonionic, organic defoamer (100% active liquid).
- A proprietary acetylenic-diol based formulation exhibits Low-foam wetting in water-based formulations.
- APEO-free.

STRATASURF DF-58

- Silicone-based defoamer (100% active liquid).
- A proprietary formulation that provides strong foam control and de-aeration performance in aqueous formulations.
- APEO-free.

STRATASURF MD-600S

- Powdered nonionic molecular defoamer
- Designed to eliminate entrained air in cementitious systems.
- A powdered preparation that exhibits fast acting defoaming and persistent de-aer in dry mix formulations.
- APEO-free.

STRATASURF OP-340

- Anionic/nonionic wetting agent (78% active liquid).
- Designed specifically for use in waterborne overprint varnish systems.