



FLOORING & TEXTILE AUXILIARY CHEMICALS



Tiarco-RST
Rheology & Surfactant Technologies

Specialty Chemicals & Additives

Tiarco-RST Specialty Chemicals and Additives draws from a wealth of resources to deliver quality chemical compounds for a broad spectrum of industries and applications. Our experience in polymer synthesis spans over four decades, providing a strong foundation for progressive research and product development efforts as well as advance manufacturing technologies and specialized service capabilities.

We are committed to producing quality, environmentally-conscious products that best serve the needs of our customers. While we are capable of producing large volumes of standard formulations, we also excel in developing unique solutions for customers. Listening to customer needs and finding truly innovative ways to achieve results beyond their expectations is a driving force in our business. Through the years, we have developed strong business relationships with large and small companies in automotive, apparel, home furnishings and floor covering industries.

PRIMARY FOAMERS

Product	Active	CFTA/Chemical Name	Typical Applications
Stanfax 234	29.5	Sodium Lauryl Sulfate	All-purpose foamer compatible with many different latex systems. Compatible with most anionic, non-ionic, and amphoteric surfactants.
Stanfax 234 LCP	29.5	Sodium Lauryl Sulfate	All-purpose foamer compatible with many different latex systems. Compatible with most anionic, non-ionic, and amphoteric surfactants. Low Cloud Point.
Stanfax 238	27.5	Ammonium Lauryl Sulfate	All-purpose foamer compatible with many different latex systems. Compatible with most anionic, non-ionic, and amphoteric surfactants. Performs as Stanfax 234 but contains no "hard" alkali.
Stanfax 320	36	Ammonium Stearate	Premier foaming agent used in acrylic foam coatings, caulk adhesives, upholstery, drapery. Many specialty uses; filler coatings, filter media saturant, intermediate to metal stearates.
Stanfax 388	30	Lower Total Ammonium	Premier foaming agent used in acrylic foam coatings, caulk adhesives, upholstery, drapery. Many specialty uses; filler coatings, filter media saturant, intermediate to metal stearates.
Stanfax 420	36	Ammonium Stearate	APEO-free. Premier foaming agent used in acrylic foam coatings, caulk adhesives, upholstery, drapery. Many specialty uses; filler coatings, filter media saturant, intermediate to metal stearates.
Stanfax 488	30	Lower Total Ammonium	APEO-free. Premier foaming agent used in acrylic foam coatings, caulk adhesives, upholstery, drapery. Many specialty uses; filler coatings, filter media saturant, intermediate to metal stearates.
Foam Modifiers, Emulsifiers, Wetting Agents			
Stanfax 1	18	Potassium Oleate	All-purpose Tall Oil-based natural soap. Foamer, emulsifier, viscosifier, lubricant, foam machine lubricant.
Stanfax 318	33	Disodium Octadecyl Sulfosuccinimate	Outstanding foam stabilizer used with many different latex systems and compatible with primary foamers listed above. Product also exhibits unique wetting and emulsifier properties in other applications.

SPECIALTY BLENDS

Surfactant blends, specially formulated to meet the diverse coating needs of a broad range of latex applications, are effective with SBR, EVA, (VAE), Acrylic, SBR-carboxylated, and many other aqueous latex dispersions. These blends are compatible with most fillers, thickeners, and auxiliaries. Designed to be both cost-effective and efficient at low usage levels, these products provide the formulator with a full range of coating capabilities.

Product	Active	CFTA/Chemical Name	Typical Applications
Stanfax 525	33	Proprietary Blend of Surfactants and Dispersants	High-efficiency foamer, which provides excellent foam stabilization properties, viscosity builder. Enhances froth viscosity and rheological properties.
Stanfax 167-M	35	Proprietary Blend of Surfactants and Dispersants	Premium foaming efficiency, combined with high level of foam stabilizer properties, viscosity builder. Enhances froth viscosity and rheological properties.
Stanfax 509	31	Proprietary Blend of Surfactants and Dispersants	Moderate foaming efficiency, very high level of foam stabilization properties.
Stanfax 561	26	Proprietary Blend of Surfactants and Dispersants	Enhanced foaming properties designed for commercial coating applications where bubble penetration is desired.
Stanfax 565	29	Proprietary Blend of Surfactants and Dispersants	High-efficiency foamer, which provides excellent foam stabilization properties, viscosity builder. Enhances froth viscosity and rheological properties.

SODIUM POLYACRYLATE THICKENERS

Sodium polyacrylate thickeners are versatile, aqueous polymer solutions designed to provide thickening, suspending, coating, and unique rheological properties for a host of applications. Uses include primary and secondary thickening of coatings, adhesives, grouts, dispersions, suspensions; thickening of liquid solutions applied by spray application; and as protective colloids and particle coatings in specialty products. The broad product selection provides the formulator with a high degree of flexibility in determining the best choice for each application. Sodium polyacrylate thickeners are neutralized, viscous solutions.



Product	Active	FDA Clearances	Application Information
Paragum T-111	15	175.105, 175.320, 175.300, 176.170	Thickening of coatings, adhesives, sizes, and dispersions used in upholstery, drapery, carpet, paper, paint, wallpaper, printing, and textile.
Paragum 184	13	175.105, 175.300, 175.320, 176.170, 176.180, 173.340, 176.200	Thickening of specialty formulations including defoamers, textiles and paper coatings.
Paragum 241	13	175.105, 175.320, 175.300, 176.170, 173.340, 176.200	Thickening of suspensions, slurries, dispersions of inorganic color pigments, mineral fillers, and clays.
Paragum 341 (APEO-free)	13	175.105, 175.320, 175.300, 176.170, 173.340, 176.200	Thickening of liquid products applied by spraying, including defoamers and cleaning products.
Paragum 247	13	175.105, 175.320, 175.300, 176.170, 173.340, 176.200	Secondary thickening agents used to impart unique rheology properties to a formulation.
Paragum 390 (APEO-free)	14.5	175.105, 175.320, 175.300, 176.170, 173.340, 176.200	Superior thickening efficiency in carpet compounds.
Paragum 277	12.5	175.105, 175.320, 175.300, 176.170, 173.340, 176.200	Specially-formulated to incorporate the performance attributes of the products above with the added benefit of built-in added thickening efficiency for EVA (VAE) lattices.
T-Gum 104	13.5	173.310, 173.340, 176.73, 175.105, 176.170, 176.180, 176.200, 177.1200, 177.1210	Superior thickening in defoamers and other coatings.

ALKALI-SOLUBLE POLYACRYLATES (ASE AND HASE TYPES)

Alkali-soluble emulsion thickeners are low viscosity liquids which rapidly convert to viscous solutions when diluted and neutralized with an appropriate base such as ammonium hydroxide or caustic. They can be converted to the finished thickener when needed or incorporated into low pH formulations and thickened in situ to the desired viscosity.

Product	Active	FDA Clearances	Application Information
Paragum 500	35	175.105, 175.300, 175.320, 176.170, 176.180, 177.1010, 178.3790	Excellent all-purpose in situ acid type thickener, short rheology, clear gel. Workhorse acrylic coatings thickener used in defoamers.
Paragum 511	20	175.105, 175.300, 175.320, 176.170, 176.180, 177.1010, 178.3790	Superior all-purpose in situ acid type thickener, stringy rheology, clear gel. Used in conjunction with Paragum 500 to achieve the exact blend of rheological properties.
Paragum 109	35	175.105, 175.300, 175.320, 176.170, 176.180, 177.1010, 178.3790	Intermediate rheology in situ type thickener. Gentle thickening action.
Paragum 525 (HASE)	30	175.105, 175.300, 175.320, 176.170, 176.180, 177.1010, 178.3790	Associative in situ acid type thickener. High-efficiency and effective in diverse applications including carpet, wood, and tile adhesives.
Paragum 530 (HASE)	35	175.105, 175.300, 175.320, 176.170, 176.180, 177.1010, 178.3790	Associative in situ acid type thickener. High-efficiency and effective in diverse applications including carpet, wood, and tile adhesives.
Paragum 600 (APEO-free)	35	175.105, 175.300, 175.320, 176.170, 176.180, 177.1010, 178.3790	Used as an in situ thickener by adding directly to the material. Performs effectively in a broad range of lattices, coatings, adhesives, dispersions, and solutions. Ease of handling and processing, safety, thickening, efficiency, and consistency, combined with its short, smooth flow characteristics, give the formulator latitude and flexibility in product design.
Paragum 601 (APEO-free)	20	175.105, 175.300, 175.320, 176.170, 176.180, 177.1010, 178.3790	Used as an in situ thickener by adding directly to the material. Performs effectively in a broad range of lattices, coatings, adhesives, dispersions, and solutions. Ease of handling and processing, safety, thickening, efficiency, and consistency, combined with its unique stringy or viscoelastic flow characteristics, give the formulator latitude and flexibility in product design.
Paragum 625 (HASE)	20	175.105, 176.170, 176.180, 175.300, 175.320	APEO-free. Hydrophobically modified anionic thickener designed to give high-efficiency and pseudoplastic rheological behavior. Used in tile adhesives, mastics, paint, water treatment and most textile applications.
Paragum 630 (HASE)	30	175.105, 175.300, 175.320, 176.170, 176.180, 177.1010, 178.3790	APEO-free. Hydrophobically modified anionic thickener designed to give high-efficiency and pseudoplastic rheological behavior. Used in tile adhesives, mastics, paint, water treatment and most textile applications.

RUBBER VULCANIZATION AND CURE PRODUCTS

Tiarco-RST custom-blends multiple component cure packages to your specification. Custom cure packages (CP) are not limited to the ingredients listed below, and CPs are assigned exclusively to the customer and formulations are confidential. We offer formulating expertise where questions may arise. We use only high-quality raw materials processed under tight manufacturing controls. Critical items are ground as required to ensure optimum product performance.



VULCANIZATION PRODUCTS

Product	Active	CTFA/Chemical Name	Application Information
Paracure SUL-62	62	Sulfur	Ground sulfur dispersion for enhanced product physicals.
Paracure ZMBT-50	50	Zinc Mercaptobenzothiazole	Ground ZMBT dispersion with enhanced activity, superior to general-purpose grades.
Paracure ZOI-52	52	Zinc Oxide	General all-purpose zinc oxide dispersion suitable for most vulcanization applications.
Paracure 850	62	Sulfur Dispersion	High quality sulfur dispersion with accelerator.
Paracure DPG	38	Diphenylguanidine	Ground DPG is used as an accelerator in curable crosslinked products.

GELLING AGENTS

Product	Active	CTFA/Chemical Name	Application Information
Paracure SSF-30	30	Sodium Silicoflouride	Specialty gelling agent for latex/SBR latex coatings.

AUXILIARY SPECIALTIES

Latex Anti-blister/Cure Assists

Product	Active	FDA Clearances	Application Information
Product 2134	42		Effective anti-blister agent for latex coatings.
Stanfax 700	30	Sodium Lauriminodipropionate	High-quality amphoteric surfactant with an array of useful, practical functions and applications including all purpose liquid cleaners, germicidal cleaning solutions, foam stabilization, hard surface cleaners, and alkaline soak cleaners.
Stanfax MO	30	Myristamine Oxide	Enhances foam properties, viscosity modifier, antistatic properties, hair conditioning properties, acid and alkali stability. Used in personal care, and household and industrial and institutional (HI&I) products applications.

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ABOUT TIARCO-RST

Tiarco-RST is a leading global adhesives provider focusing on perfecting adhesives, sealants and other specialty chemical products to improve products and lives. Our commitment to innovation brings together people, products and processes that answer and solve some of the world's biggest challenges. Our reliable, responsive service creates lasting, rewarding connections with customers in electronics, disposable hygiene, medical, transportation, aerospace, clean energy, packaging, construction, woodworking, general industries and other consumer businesses. And, our promise to our people connects them with opportunities to innovate and thrive. For more information, visit us at tiarco-rst.com.



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IMPORTANT: The information contained herein is believed to be correct to the best of our knowledge. However the recommendations and suggestions herein are made without guarantee or representation as to results. It is the purchaser's responsibility to test and determine the suitability of the product for the purchaser's intended use and purpose. Purchaser assumes all risk and liability whatsoever regarding such suitability. Any product samples provided for testing are provided in accordance with standard limited warranties as stated on our technical data sheets.