



Ethosurf™ Reactive Surfactants

for emulsion polymers

Revolutionizing Performance in
Formulations

*Advanced Chemistry.
Invented Together.*

Ethosurf™ for Emulsion Polymers

Revolutionizing Performance in Formulations

Ethosurf™ series: Innovative **reactive surfactants** featuring a radical polymerizable group in their structure along with an alkyl group to give improved performance against conventional surfactants.

It can be utilized as a more efficient emulsifier with the same application method as conventional surfactants. Additionally, it can also be used as a monomer for resin modification, allowing for radical polymerization.

	Description	Eo Chain	Appearance	Solid Content	pH	Application
ANIONICS						
Ethosurf RJM 20	Sulphosuccinate, Na Salt	**	Yellow Liquid	35%	7 to 9	Pure Acrylic Emulsions
Ethosurf RSA 1025	Sulphate, Ammonium Salt	Medium	Yellow Liquid	28%	7 to 9	Styrene Acrylic & Pure Acrylic Emulsions
Ethosurf RSA 1090	Sulphate, Ammonium Salt	Medium	Yellow Liquid	90%	7 to 9	
Ethosurf RSA 2025	Sulphate, Ammonium Salt	Long	Yellow Liquid	28%	7 to 9	
Ethosurf RSA 2090	Sulphate, Ammonium Salt	Long	Yellow Liquid	90%	7 to 9	
Ethosurf RP 1025	Ethoxylated Phosphate	Medium	Pale Yellow Liquid	25%	7 to 9	
Ethosurf RP 2025	Ethoxylated Phosphate	Long	Pale Yellow Liquid	25%	7 to 9	All Acrylic Emulsion
NONIONICS						
Ethosurf RN 1000	Alkenyl Ethoxylate	Medium	Pale Yellow Liquid	100%	6 to 8	All Acrylic Emulsion
Ethosurf RN 2000	Alkenyl Ethoxylate	Long	Waxy Solid	100%	6 to 8	All Acrylic Emulsion

Concentrated versions available on request

Performance Benefits

Reactive surfactants in paints provide enhanced durability, water resistance, low foaming, and improved scrub resistance by chemically bonding with the polymer matrix.

Low Foaming



Ethosurf surfactants exhibit low foaming characteristics during curing, reducing the likelihood of foam formation and ensuring a smoother, defect-free finish compared to conventional surfactants that often cause foam and surface irregularities.

High Water Resistance



Paints with Ethosurf have significantly better water resistance than those with conventional surfactants as they bond with the polymer matrix, forming a stable, hydrophobic network that prevents water infiltration and film degradation, unlike conventional surfactants that migrate to the surface and weaken the film.

Improved Scrub Resistance



Improved scrub resistance in paints due to Ethosurf, which chemically bond with the polymer matrix during curing, enhances durability, reduces surface defects, and maintains aesthetic quality

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