



ENGINEERED POLYMERS

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ReactAmine® ***1KP-SP Silicone Modified Top Coat***
CODE: ***1KP-SP***

PRODUCT DESCRIPTION:

ReactAmine® 1KP-Silicone Modified Coating is an silicone modified polyurea dispersion with phenolic resin, and is designed for a wide range of rigid and flexible substrates such as wood, metal, vinyl, concrete and other plastic parts. **1KP-SP** is an excellent primer for concrete, metal, PVC and wood prior to applying polyureas. A key application is coating polyurethane and polyurea bed liners to improve weatherability and color retention. This product has been developed to exhibit a combination of film hardness, flexibility, good water and abrasion resistance, and excellent solvent resistance. This product can be ordered with antimicrobial additives. The **1KP-SP** has anti-graffiti characteristics.

PRODUCT SPECIFICATIONS:

Solids Volume%	47
Solids WT%	57
Cosolvent Contents WT%	
	H ₂ O 43
	N, methyl Pyrrolidone 10

COVERAGE:

1 gallon = 100 ft² @ 4 mils

TYPICAL PHYSICAL PROPERTIES:

Viscosity@ 275° F	CPS	50-300
Weight/Gallon	lbs	8.9
Appearance		Milky, white liquid
PH		7.5 – 9.5
Freeze Thaw Stability		Passed 5 Cycles

TYPICAL FILM PROPERTIES:

Dry to touch	min	5
Film Appearance		Clear
Tensile Strength	psi	5980
% Elongation		210
Hardness, Pencil		2H

DISCLAIMER:

The technical data and any other printed information furnished by **Engineered Polymers, LLC.** are true and accurate to the best of our knowledge. **1KP-SP** conforms to in-house quality control procedures and should be considered free of defects. Due to the wide range of applications of this product, it is impossible to assume responsibility for any errors in regard to application, coverage, workmanship, over-spray or injuries resulting from the use of **1KP-SP.**

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