

TECHNICAL DATA SHEET



ADHESION ASSIST

QP-520

PRODUCT DESCRIPTION	<p>Nano-Ceramic High Temperature Adhesion Primer. QproTECH Adhesion Assist QP-520:</p> <ul style="list-style-type: none"> • is a High Performance Adhesion Promoter for high temperature applications. • is designed to create an intrinsic bond to the most “difficult of surfaces & products”. • allows other Top Coats to be applied successfully. • is applied micro-thin (1-3 microns dry film) by wiping-on or by HVLP-with a fine mist. • can create a bond to silicon surfaces, polyethalene (PEG) sheeting and the like. 			
PROPERTIES	Colour	Colourless liquid	Thermal Stability (cured)	<648.8°C (1200°F)
	Viscosity	1.0 cps@23°C(74°F) (ASTM D1084B)	Conical Bend (1/8 inch mandrel)	Passed (ASTM D522-93a)
	Percent of Solids	<38%	Crosscut Adhesion	5B (ASTM D3359)
	Odor (liquid)	Slight Solvent	Specific Gravity	0.810 (ASTM D891-09)
	Odor (cured)	None	Average Dry Film Thickness	1 to 3 microns
	V.O.C.	Exempt per CFR 51.100/ regulation 8	Estimated Coverage Rate (1-3 microns)	4500+ sq./ft. per gallon
	RoHS	Compliant	Dry time before top coat (@ Ambient 65-70°F)	5-10 minutes (average)
	REACH	Compliant	Dry time (time @ 120F)	30 seconds
GENERAL NOTE	<p>Adhesion Assist is Compatible* with all GL Nano-Ceramic Coatings</p> <ul style="list-style-type: none"> • For use on a variety of substrates to create better inter-coat adhesion. • For use on a wide variety of coatings to create better intra-coat adhesion. • Though it may lower the gloss when used with a glossy product, test application method before proceeding on the actual article. 			

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