Technical Data Sheet

BDT-520 nano-Ceramic Primer

BDT-520 nano-Ceramic Primer is a high-performance adhesion promoter /primer, also used in high temperature applications and as a base for higher end Thermal & Fire coatings by BDT

FGI-520 Properties:

- Color_____Colorless liquid
- Viscosity_____1.0 cps@23°C(74°F)(ASTM D1084B)
- Percent of Solids_____<38
- Odor Liquid_____Slight Solvent
- Odor Cured_____None
- V.O.C._____Exempt per CFR 51.100/regulation 8
- RoHS_____Compliant
- REACH_____Compliant
- Thermal Stability (cured)_____<648.8°C (1200°F)
- Conical Bend (1/8 inch mandrel)_____Passed (ASTM D522-93a)
- Crosscut Adhesion_____5B (ASTM D3359)
- Specific Gravity_____0.810 (ASTM D891-09)
- Average Dry Film Thickness_____1 to 3 microns
- Estimated Coverage Rate (1-3 microns)_____4500+ sq./ft. per gallon @ 3 microns
- Dry time before top coat (@ Ambient 65-70°F)_____3-10 minutes (average)
- Dry time (time @ 120F)_____30 seconds

Compatible with all BDT, Inc. Clear and Color coatings.
For use on a variety of substrates and intra-coat adhesion requirements.

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