

Slickblade™

Slickblade™ is a revolutionary nano-ceramic, non-stick coating for cutlery and safe for use on surfaces that come in contact with food. When applied correctly, Slickblade™ offers an unparalleled non-stick surface that is renewable as needed.

- Slickblade™ is a high-performance, single-component, wipe-on, ambient air-cured product.
- Slickblade™ creates a covalent bond to the substrate giving it an intrinsic bond to the surface.
- Slickblade™ is an inert (benign) material when cured and is FDA compliant for food contact.
- When applied to cutlery, Slickblade™ reduces drag, keeps edges sharper for longer, and stops corrosion with no oil.

Properties	
Color	Clear
Viscosity	12 sec. #2 Zahn
Percent of Solids	14
Odor Liquid	Slight Solvent
Odor Cured	None
V.O.C.	Exempt per CFR 51.1 / regulation 8
RoHS	Compliant
REACH	Compliant
Halogens	None
Thermal Stability (cured)	1200°F + (648.8°C)
Conical Bend (1/8 inch mandrel)	Passed (ASTM D522-93a)
Crosscut Adhesion	5B (ASTM D3359)
Coefficient of Friction	0.03μ (ASTM D2047)

Specific Gravity	0.889 (ASTM D891-09)
Pencil Hardness	8h (ASTM D3363)
Average applied dry film thickness	2 to 3 microns
Estimated Coverage Rate (@ 2-3 microns)	4,500 sq./ft+ per gallon
Transfer to surrounding material	Zero (0) (non-toxic)
Dry to Touch (time @ambient)	15-25 minutes (average) (a warm airflow will help decrease time to dry & cure)
Ambient cure time	12 hours (Exposing to a warmer air flow (not exceeding 110°F) will shorten the cure time)
After curing process	Wash before use

The manufacturer is not responsible for the use and application of this material. It is up to the end-user to determine the suitability of this product for their application. It is the belief that this document's contents are accurate at the time of printing. No warranty is written or implied regarding application and use.

Spartan chemistry is the most advanced "optimizing" chemistry on the planet!

We optimize and maximize the performance of Firearms, Fishing Reels, Engines, Bladed and Machining Tools with our super cleaners and lubricants for various consumer, commercial, and industrial markets. We also offer proprietary specialty coatings and unique natural formulas to enhance productivity for farmers and growers. Our products are safe, green, American-made, different from and significantly outperforming the competition.