

Technical Data Sheet

MG-70AM MY GUARD HARD SURFACES SB (SOLVENT BASE)

MG-70AM is a unique clear coating containing an EPA-approved antimicrobial disinfectant formulation that helps to lower the bioburden to continuously protect the coating from the colonization of bacteria that causes mold, mildew, and fungus. The product is formulated to protect the coating from being degraded and deteriorated by colonization of microbes, prolonging the life of the coating, thus allowing the coating to remain molecularly bonded with and protect the substrate.

MG-70AM Quick-Slick is a high performance, single component, ambient air cure thin-film product

- Quick-Slick formulation creates a strong covalent bond to the substrate surface
- Quick-Slick is an extreme hydrophobic coating with super-slick properties that designed to greatly the reduce the bonding of dirt and debris, while also reducing coefficient of friction or drag
- Quick-Slick is a long lasting surface protective coating, that is re-coatable, may applied as often as desired to maintain surface slickness and hydrophobic properties and the luster and protection of Automotive, Aircraft, Marine surfaces, etc.
- Quick-Slick also gives Metallic paints and others alike, a deep vibrant glossy finish.

MG-70AM Quick-Slick is an optically clear finish and is perfect for surfaces such as;

- Solar panels • Glass windows, shower glass (inside and out), • optical lenses • mirrors •
 - acrylic windows • aircraft windscreens • smooth plastics • polished metals • solar reflectors •
 - painted, powder coated, Gel-coated® surfaces • making them easier to clean & maintain •
- and is FDA compliant for Food contact

MG-70AM Quick-Slick helps to protect treated surfaces from UV damage and other environmental corrosion

MG-70AM Properties:

- Color _____ Clear
- Viscosity _____ 16-18 sec. #2 Zahn
- Percent of Solids _____ 19
- 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 Bond (1/8 inch mandrel) _____ Passed (ASTM D522-93a)*
- Cross cut 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(@ 3 microns) _____ 2,580 sq./ft. per gallon
 - Dry to Touch (time @ Room Temp) _____ 1-5 minutes (average)
 (a warmer airflow will reduce time required to reach "Dry to the Touch")
- (Exposure to direct sunlight or warmer ambient air will reduce time required to reach a fully cross-linked cure)
- MG-07AM is an inert (benign) material when cured and will not harm marine life or water ways when used on marine or aircraft pontoons or similar surfaces, as directed
 - Application: wipe-on -dry- wipe-off with microfiber towel.