



SLIP Plate[®] No. 1

Heavy Duty, Graphite Dry Film Lubricant



Product Description:

A Heavy-Duty dry film, graphite lubricant; SLIP Plate[®] No. 1 is the best solution on the market to solve sliding friction problems. Heavy Duty No. 1 contains more graphite with greater lubricity, and better bonding strength using a proprietary binder system than any other graphite coating on the market, even under the heaviest loads. This dry film graphite coating also has the ability to conduct heat and electricity. Graphite, being naturally hydrophobic resists rain, water, snow, and mud and protects against corrosion and rust.

Advantages:

- Dry film technology
- Creates a slick, non-stick surface, ideal for build-up areas
- Reduces mechanical wear and can extend operating life of products
- When properly applied and dry - not affected by temperature extremes
- Will not attract or trap dirt or grit, leading to increased part wear
- Graphite is a natural, environmentally safe mineral lubricant
- Long lasting coating

Limitations:

- Materials should be allowed to thoroughly dry prior to use
- Do not use any grease, oil, or other petroleum product on top of this coating, as it will deteriorate the effectiveness of the graphite
- Do not apply by conventional air sprayer – Airless type recommended
- Bonding agents and graphite will begin to oxidize at temperatures above 450°F (232.2 °C), and this coating is not recommended for high temperature applications

ORDERING/SHIPPING INFORMATION	
AVAILABLE PACKAGING (product ordering code)	6-1 QT Cans: 33005OS 4-1 GA Cans: 33015OS 5 GA Pails: 33008
CASE SHIPPING WEIGHT (kilograms)	QT: 17 LB (7.7) GA: 41 LB (18.6) PAIL: 48 LB (21.8)

If it slides, rolls, turns, twists, spins or sticks—it's a job for SLIP Plate[®]!

www.slipplate.com • 800.325.0337



Information provided on this Technical Data Sheet is supplied to indicate the physical and chemical properties of the material. This information is believed to be correct. However, no warranty is made, either expressed or implied regarding the accuracy of the results obtained from the use of this product. Customers are strongly encouraged to test the materials independently prior to application/purchase.



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Preparation:

Stir material prior to use. It is important to properly stir the material with a hand stir stick or paint mixer. This allows any graphite and bonding agents that may have settled normally during transportation to be properly mixed.

Prepare your surface. The most important part of the coating process is proper surface preparation. Remove any loose debris, mud, loose paint, rust or grit by high pressure water cleaning and/or use of a grinding or wire brush. If there are any residual petroleum or grease lubricants from previous applications, remove with a solvent such as aerosol brake cleaner.

Application:

Apply by brush, roller, dipping, or airless spray equipment. Apply material as you would for any normal paint job. Material when applied by brush should have a film thickness of 5 to 7 mil. When applied by airless spray equipment, the film thickness should be 4 to 7 mil. When applied by roller the film thickness will be 3 to 6 mil.

Allow to dry 24 hours between coats. For extreme wear applications, you may apply two coats, but it is recommended that the first coating dry at least 24 hours.

Surface temperature should be 50-100°F (10-37.8°C). **Do not apply this product to very hot or cold surfaces.** This will affect the bonding performance of the product. When dry, the dry film coating will not be affected by temperature extremes.

Clean-Up Instructions:

Clean up material using paint thinner or solvent. Material once dry will be very difficult to remove from painting equipment. Use paint thinner, VM&P Naphtha or similar solvent-based cleaner.

Consult MSDS for information on disposal of unused materials, and safe handling practices.

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SUPERIOR  GRAPHITE



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Product Characteristics:

Physical Properties	Typical Range
Carrier:	Solvent
Fluid Consistency	Thick
Measured Viscosity; cps	> 1,500
Bulk Density, LB/Gallon	8.5 – 9.5
Flash Point,	>105 °F (>40.6 °C)
Dry Time (tack-free), min	60-90 @ 70°F (21.1 °C)
Dry Time (complete), min	90-120 @ 70°F (21.1 °C)
Average Application Coverage, ft ² /gallon	200
Effective Temperature Range, (Minimum)	-75°F (-59.4°C)
Effective Temperature Range, (Maximum)	450°F (232.2 °C)
Suggested Application	50 - 100 °F
Ambient Temperature Range,	(10 – 37.8 °C)
Suggested Dilution Ratio	Not Recommended
Suggested Dilutant/Cleaner:	Mineral Spirits
Shelf Life under original seal	24 Months

Transportation Guidelines:

When shipping via Ground Transportation:

UPS requires shipments with Plastic Overseals for Quarts and Gallons.

Quarts and Gallons, are Non-Hazardous (Due to limited quantity exception 173.150).

Pails and Drums are Hazardous. Flammable Liquid N.O.S. - (Contains Mineral Spirits) - Class 3 Pkg. Group 3 - UN1993.

When shipping via Air or Ocean Freight:

All Packaging: are Hazardous. Flammable Liquid N.O.S. - (Contains Mineral Spirits) - Class 3 Pkg. Group 3 - UN1993

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