



SLIP Plate® No.3

Fast Drying, Sprayable, Graphite Dry Film Lubricant

Product Description:

SLIP Plate® No. 3 has been formulated with the same technology used to make our heavy-duty SLIP Plate® No. 1 product, but in a form that can be sprayed using a conventional spray gun applicator and will dry very quickly. Ideal for large coverage areas where the need reduces wear and extend the operating life machinery and tools is necessary. When applied, and allowed to dry, No. 3 creates a slick, hard surface of graphite that significantly reduces friction. This is a dry film coating and does not attract and trap dust, dirt, mud, or grit as does grease and oil. It also provides long lasting protection from rain, snow and mud, helping to prevent rust and deterioration.

Advantages:

- Dry film technology, Dries very quickly
- 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
- Creates a smooth even surface

Limitations:

- Coated surfaces should be allowed to dry completely 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
- Application by brush on non-porous surface is not recommended.
- Bonding agents and graphite will begin to oxidize at temperatures above 450F, and this coating is not recommended for high temperature applications

ORDERING/SHIPPING INFORMATION	
AVAILABLE PACKAGING (product ordering code)	6-1 QT Cans: 33205 4-1 GA Cans: 33215 5 GA Pails: 33208
CASE SHIPPING WEIGHT (kilograms)	QT: 15 LB (6.8) GA: 38 LB (16.3) 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

SUPERIOR  GRAPHITE



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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. It is normal for the material to settle, but the unique graphite powder utilized will quickly and easily go into suspension.

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 roller, air or airless spray equipment. Apply material as you would for any normal paint job. When applied by air or airless spray equipment, the film thickness should be 2 to 4 mil. When applied by roller the film thickness will be 2 to 5 mil.. Application by brush on non-porous surfaces is not recommended, but try SLIP Plate® No. 1 for this type of application

Allow coated surface to dry a minimum of 24 hours between coats. For extreme wear applications, 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). **Application of this product to very hot (>200F) or cold surfaces (<20F) is not recommended as this will affect the bonding performance of the product. When dry, the dry film coating will not be affected by temperature extremes.** Additionally, the product has a very low flash point and will ignite at higher temperatures.

Keep away from open flames, sparks. When applying No.3, make sure it is in a well-ventilated area, away from open flames, sparks and other sources of ignition.

Clean-Up Instructions:

Clean up material with paint thinner or VM&P Naphtha. Material once dry will be very difficult to remove from painting equipment. If removal is required after coating has dried, use of paint thinner, VM&P Naphtha or similar solvent-based cleaner is advised. Note, these chemicals may damage underlying painted surfaces.

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

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Product Characteristics:

Physical Properties	Typical Range
Carrier:	Solvent
Color:	Grey
Fluid Consistency	Thin
Measured Viscosity; cps	< 500
Bulk Density, LB/Gallon	7.5-8.0
Flash Point,	18 °F (°C)
Dry Time (tack-free), min	15-30 @ 70°F (21.1 °C)
Dry Time (complete), min	60-90 @ 70°F (21.1 °C)
Average Application Coverage, ft ² /gallon	300
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:	None Recommended
Shelf Life under original seal	24 Months

Transportation Guidelines:

When shipping via Ground Transportation:

All Packaging: are **Hazardous**. Flammable Liquid N.O.S. (Contains Naphtha and Heptane Solution)
Class 3 Pkg. Group 2 UN1993

When shipping via Ocean Freight:

All Packaging: are **Hazardous**. Flammable Liquid N.O.S. (Contains Naphtha and Heptane Solution)
Class 3 Pkg. Group 2 UN1993

When shipping via Air Freight:

All Packaging: are **Hazardous**. Flammable Liquid N.O.S. (Contains Naphtha and Heptane Solution)
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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.