



## Superflake™ Hot Oven Chain Lubricant

Water Based, Smokeless, Graphite Lubricant

### Product Description:

Superflake Hot Oven Chain (HOC) Lubricant is designed with a unique, natural graphite powder that offers superior lubricity, even under extreme conditions. The emulsion effectively carries the graphite to the chain pins and bushings. The unique binder system utilized in HOC creates a very effective bond of graphite, the main lubricant, to the chain parts and linkages. The unique particle distribution allows graphite particles to penetrate very tight spaces unlike other competitive products.

### Advantages:

- Dry film technology, Dries very quickly on hot surfaces
- Creates a slick, non-stick surface, ideal for build-up areas
- Reduces mechanical wear and can extend operating life of the chain and linkages
- 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
- Water-based formulation that will not smoke, create an odor or catch fire
- Can be applied while the oven is in operation.

### Limitations:

- Do not use any grease, oil, or other petroleum product on top of this coating, as it will deteriorate the effectiveness of the graphite

ORDERING/SHIPPING INFORMATION	
AVAILABLE PACKAGING (product ordering code)	4-1 GA Cans: <b>37115G</b> 5 GA Pails: <b>37108</b>
CASE SHIPPING WEIGHT (kilograms)	GA: 38 LB (16.3) PAIL: 48 LB (21.8)

### Common Applications:

- Tortilla Ovens
- Pizza and Bread Ovens
- Heat Treatment Furnaces
- Cement/Asphalt Calciner Chains
- High Temperature Chains

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SUPERIOR  GRAPHITE

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. 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, rust or grit prior to coating if possible.

**Wear proper painting equipment.** It is important to follow all appropriate OSHA safety standards and wear a mask and protective clothing as needed.

### Application:

**Apply with exhaust blowers running.** It is important when spraying this product that exhaust blowers and fans be operating to prevent build up on dust in the area.

**Apply by roller, brush or airless spray equipment.** Apply material as you would for any normal paint job. When applied by air or airless spray equipment, the wet film thickness should be 2 to 4 mil. When applied by a brush or roller the wet film thickness will be 2 to 5 mil.

**Surface temperature should be above 250 °F (121.1°C).** Application of this product to cold surfaces (<200 °F) 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.

### Clean-Up Instructions:

**Clean up material with soap and water.** 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 and are flammable so clean well away from open flames, sparks or other sources of ignition.

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

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### Product Characteristics:

Physical Properties	Typical Range
Carrier:	Water Based
Color:	Grey/Black
Fluid Consistency	Thin
Measured Viscosity; cps	<50 Cps
Bulk Density, LB/Gallon	7.5-8.0
Flash Point,	N/A
Average Application Coverage, ft <sup>2</sup> /gallon	250-300
Effective Temperature Range, (Minimum)	212°F (100.0°C)
Effective Temperature Range, (Maximum)	450°F (232.2 °C)
Suggested Application	250-425°F
Ambient Temperature Range,	(121.1 – 218.3 °C)
Suggested Dilution Ratio	Not Recommended
Suggested Dilutant/Cleaner:	Water
Shelf Life under original seal	12 Months

### Transportation Guidelines:

When shipping via Ground Transportation:

**All Packaging:** Not regulated

When shipping via Ocean Freight:

**All Packaging:** Not Regulated

When shipping via Air Freight:

**All Packaging:** Not regulated. Contact your carrier though prior to shipment for any airline restrictions

### California Prop 65 Statement:

Warning. This product contains chemicals known to the State of California to cause cancer.

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