

Product Data Sheet

No. 28078 - 02/20

DRY GRAPHITE LUBRICANT

PRODUCT NUMBERS: 8078 12-OZ. NET WT. AEROSOL

I. GENERAL DESCRIPTION

Description: Dry Graphite Lubricant is effective when applied to a substrate that reaches extreme temperatures -100°F to 1000°F (-73°C to 538°C) or high-pressure loads. Do not apply to surfaces that are already hot. Use when a dry film is required. Dries fast and provides excellent water displacement and conductivity.

Benefits: Does not break down in high temperatures like petroleum-based lubricants. It leaves a dry, but very slippery, long-lasting protective film with a low friction coefficient. Allows parts to move easily. Is clean, dry, non-oily, non-staining and prevents build-up of dust, dirt, and grime. Non-corrosive and does not flake.

Application: Use on bearings, locks, oven parts, pre-assembled moving parts, sliding windows and doors. Use where a conduction lubricant is required. CAUTION: This product is conductive, check compatibility before using near or on electrical equipment.

Directions: Align spray head with black mark on valve rim to ensure complete evacuation. Before spraying, shake can vigorously for at least 1 minute after agitator ball is heard and intermittently thereafter. Surfaces must be dry and free of dirt, oil, and wax. For best results product should be used at temperatures between 60° and 80°F (16° and 27°C). Do not apply to hot surfaces. Hold can 8 to 10 inches from surface. Only a thin film is needed. Allow one minute to dry. Do not use on electrical equipment or machinery while in operation.

Limitations: Please refer to the Safety Data Sheet for specific information on material hazards, etc.

Packaging:

Aerosol:

Cans (16 oz.)
12 cans/case

12 oz. net wt. (340 grams)
13 lbs. (5.9 kg)

14 fl. oz. (430 ml)
0.47 CF (0.013 CM)

II. CHARACTERISTICS & PROPERTIES

Specifications:

None

Appearance:

Non-foaming liquid

Color:

Black

Odor:

Ethereal

Drying Schedule (at 77°F [25°C], 50% Humidity at 1 mil dry):

One minute

Performance and Chemical Properties:**Aerosol**

Weight per gallon	5.97
Specific gravity	0.72
Flammability: Label marking	Extremely Flammable
Flash point.....	<0°F (-18°C)
Application temperature (air & substrate).....	40°F to 110°F (5°C to 43°C)
Film Temperature Resistance	-100°F to 1000°F (-73°C to 538°C)
Volatile Organic Compound level	30%
EPA VOC% limit	Not Regulated
CARB VOC% limit (dry film lubricant)	Exempt
Lubricity (Falex FLC Test)	>200 ft. lb.
Penetrating ability.....	Excellent
Corrosion protection.....	Good

Base Materials:

Resin system.....	Acrylic
Solvents (top two).....	Dimethyl Carbonate, Acetone
Propellant	Hydrocarbon

III. SHIPPING, STORAGE AND HEALTH

UN number.....	UN1950
Proper Shipping Description	Aerosols
Hazard Class.....	2.1
Packing Group	N/A
Limited Quantity	Yes
Warehouse storage level number	NFPA 30B Level 3
Storage temperature	32° to 120°F (0° to 49°C)
Shelf life	1 to 5 years

HMS ratings

Health	1
Fire	4
Reactivity.....	1

IV. MISCELLANEOUS

Contains no Ozone Depleting Substances (O.D.S.)

V. WARRANTY

1-year warranty to the original registered owner on all products from date of purchase. User returns, exchanges and defective refunds must be made with the original place of purchase. Because Aervoe cannot control Buyer's handling or use of product, Aervoe makes no warranty expressed or implied when not used or stored in accordance with directions. Aervoe shall not be liable for cost of labor, incidental or consequential damages, and this warranty is limited to replacement or repair of product or credit of purchase.