



TECHNICAL DATA SHEET

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GRAPHITE VARNISH G8450
500C83 EMS52438 K0548
TYPE NPC61270-1

PRODUCT DESCRIPTION:

A thermosetting graphite varnish specially formulated to cure to a durable, abrasion resistant film which will impart lubricity to the substrate.

TYPICAL PROPERTIES:

- (1). COLOR(AFTER BAKING)..... Blue-Black
- (2). **DRYING TIME:**
To Cure..... 30-35 Mins @ 325 Deg F
- (3). WEIGHT/GAL..... 7.5 - 7.7 Lbs/Gal
- (4). VOC..... 5.7 Lbs/Gal(680 G/L)
- (5). SHELF LIFE..... Up to 1 Year From Date/Mfg

APPLICATION AND REDUCTION:

Intrepid's G8450 Graphite Varnish is normally sprayed by airless or conventional application. Reduce as desired for proper atomization for spraying. This coating may also be dipped, brushed or swabbed, reduce as necessary for proper flow and leveling. Coating is normally ready for use at packaged viscosity. Thin as needed depending on application technique, not to exceed 5% by volume. The surface to be coated must be dry, clean and free of any oil, rust or foreign contaminants. Allow film to air dry for one hour before baking at 325 Degrees Fahrenheit for 30 35 minutes. The size and shape of the parts to be coated may require deviation from this schedule. Reduce and clean up with AMS-3170 or MIL T-81772B Type III Thinner.