

Bio-Blast™ Penetrant

(Low Surface Tension) (DLA approved & field tested)

Bio-Blast™ is a specially formulated, high performance, biodegradable, and fast acting penetrant that blows away rust, dirt, and also the competition. Bio-Blast's™ patented formulation provides a fast-penetrating lubricant that is non-staining to ferrous and non-ferrous metals. Corroded nuts and bolts shudder at the thought of Bio-Blast™. Bio-Blast™ displaces moisture and provides a high dielectric (47 kV ASTM D-877) insulating property in electrical equipment while containing no hazardous Volatile Organic Compounds (VOCs).

Bio-Blast™ is formulated to penetrate into close tolerances and prevent corrosion. This product performs with a fast capillary wetting action that reduces surface tension, freeing up frozen parts and creeping vertically up threads. This product has exceptional environmental benefits over petroleum solvents in these applications because there is direct loss of the penetrant into the water, soil, or work environment.

Benefits

- Readily biodegradable, environmentally non-toxic, not bioaccumulative
- High polarity base oils creep along metal, providing lubrication to tight spaces
- Improved workplace environment, healthy alternative to petroleum products
- Free of Volatile Organic Compounds (VOC)
- Non-flammable

Application / New Filling

- Prevents corrosion during storage of ferrous and non-ferrous metals
- Military – Humvee Doors, Jacks, Dies, Locks
- Industrial – Tools, Assembly Parts, Shafts, Linkage Cables
- Home – Squeaky doors and drawers
- Transportation – Car Parts, Wire Ropes, Hinges, Head Studs
- Marine – Electrical Equipment, Rusty Chains, Firearms, Fishing Reels
- Agriculture – Bolts, Air Tools

Typical Specifications

Specific Gravity @60°F.
 VISCOSITIES:
 @40°C., cSt. (D-445)
 Flash Point, COC (D-92)
 Pour Point, °C (D-97)
 Rust Prevention, (D-665 A)
 Dielectric Insulating Property (D-877)
 Biodegradability (D-5864) Pw1

.88
5
146 °C
-30 °C
Pass Clean
47 kV
Yes

F.O.B: Hartville, Ohio

Availability: 11 oz. Aerosol Can, 12 oz. Spray Bottle, 1 Gallon, 5 Gallon Pail, Drum, Totes, Bulk

Availability: DIBBS	<u>11 oz</u> <u>Aerosol</u> <u>Can</u>	<u>12 oz.</u> <u>Spray</u> <u>Bottle</u>	<u>1 Gal</u> <u>Bottle</u>	<u>5 Gal Pail</u>	<u>55 Gal</u> <u>Drum</u>	<u>Pint Plastic</u> <u>Bottle</u>
Item # RLI	80352	80351	80353	80354	80356	80350
National Stock #	A-A-50493C-A	II-9150-01-591-4274	I-9150-01-598-9606	I-9150-01-591-4247	I-9150-01-591-4281	I-9150-01-591-4213

National Stock Number: A-A-50493C-A (Class A = biobased) – (Type I = Non Aerosol Type II= Aerosol)
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