



Insulative Varnish for High Voltage Electrical Parts

MG Chemicals Insulation Coatings line is a unique line of varnish for electronics products intended to provide added insulation to high voltage parts such as transformer coils, motor windings and sheathing for wires. Characterized by high dielectric strength, these 1-part coatings adhere to a variety of substrates and offer exceptional protection against corrosion.

4226—Clear Insulating Varnish

Clear, high gloss insulation coating with class H insulation.

4228—Red Insulating Varnish

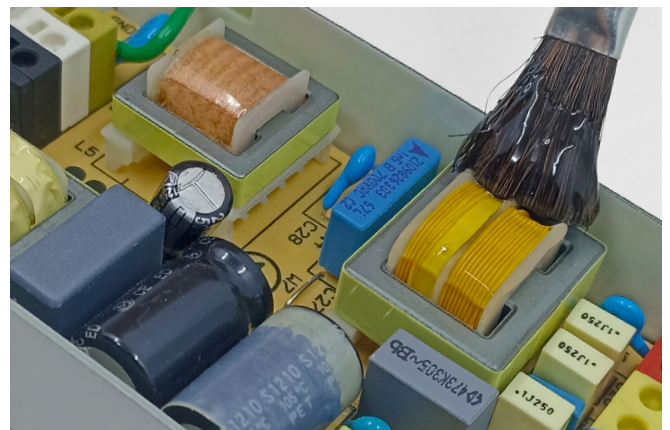
Red, high gloss insulation coating. Direct cross to Glyptal 1201A.

Features & Benefits

- Meets UL EIS standards. Class H insulation up to 180 °C
- Excellent resistance to moisture and salt water
- Highly flexible

Applications

- Replacement for shrink wrap or electrical tape
- Arc and corona resistance for transformer coils and motor windings
- Insulation coatings for electrical generators



Insulation Coatings



	4226	4228
PROPERTIES		
Dielectric Strength (dry)	4 100 V/mil	3 000 V/mil
(wet)	3 000 V/mil	1 500 V/mil
Insulation Class	130 (B) 150 (F) 180 (H)	—
Service Temperature Range	-40–180 °C	-40–180 °C
Dry Time to Handle	20 min	30 min
Minimum Recoat Time	4 h	4 h
Recommended Film Thickness	25–38 µm	25–38 µm
Theoretical Coverage @ 25 µm	43 000 cm ² /L	890 000 cm ² /L
Viscosity @ 25 °C	77 cP	590 cP
Density	0.93 g/mL	1.1 g/mL
Percent Solids	35%	52%
Shelf Life	5 y	5 y
Calculated VOC	604 g/L	514 g/L
PACKAGING		
Format	55 mL (Bottle) 945 mL (Bottle)	55 mL (Bottle) 255 mL (Can) 850 mL (Can) 3.60 L (Can)

