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New Information
Mailed to: E, D, C/2169/DB

B-220-F Clear Air Drying Varnish

Westinghouse B-220-F is a clear air drying Fungicidal Varnish which meets Military Specification MIL-V-173B.

Descriptive Information:

Color	Amber
Non-Volatiles	50±2%
Specific Gravity	0.940 – 0.960
Viscosity (Demmler #1 @ 25° C.)	25-40 Seconds
Thinner	Xylol
Flash Point	81° F.
ASTM Drying Time @ 25° C.	5 Hours Maximum
Dielectric Strength – Dry	2800 Volts/Mil
Dielectric Strength – Wet	1200 Volts/Mil

Application Information:

Application information for Fungus Proofing Electrical Apparatus Components – This treatment is intended for fungus proofing electrical apparatus components containing organic materials subject to mold growth. This treatment shall not be used on apparatus where it will be heated continuously above 85° C. (184° F.). As the compound film is heated, its fungicidal life is shortened in proportion of the temperature increase and the time at temperature.

Surface Preparation

Apply this finish to clean, dry surfaces only. If necessary, clean by wiping with a mild solvent, such as petroleum naphtha. If perceptible moisture is present, dry the apparatus at 60° C. (140° F.) for three hours before applying the varnish. If the apparatus will not be damaged by a temperature of 115° C. (239° F.) this higher temperature may be used and the drying time reduced to one hour.

Masking

All items shall be masked or kept free of varnish, as the presence of varnish may render them inoperative. This includes moving switch parts and contacts, commutator, slip ring contact surfaces, brush holders, brush springs, ball bearings, moving arms, levers, linkages, solenoids, and unlubricated bearing surfaces.

Application Information

Apply by spraying, dipping, or brushing a uniform coat of B-220-F Varnish. This varnish may be used as received regardless of how applied – however, if some ageing occurs in storage, it should be reduced to a viscosity range of 24 to 40 seconds, Demmler #1 @ 25° C.

Packaging Information

Westinghouse B-220-F Clear Air Drying Varnish is available in 1-gallon cans, 5-gallon pails, and 55-gallon drums.