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TECHNICAL DATA SHEET

SOLDURA J-130 INSULATING VARNISH

USE: An insulating varnish for glass fiber tapes and sleeveings and a moisture proofing dielectric for asbestos-cement compositions.

DESCRIPTION: An insulating varnish especially developed for use in treating glass fiber tapes and wrappings used in electrical apparatuses and installations. Particularly designed to reduce the hazard of explosions in enclosed or confined areas in case of electrical failures.

COMPOSITION: Composed of suitable synthetic resins and plasticizers to produce the required properties.

PHYSICAL PROPERTIES:

Color.....Clear
Total Solids.....33% - 37%
Weight Per Gallon.....8.5 - 9.0 Lbs.
Viscosity, Saybolt, Furol Tip @
77°F--ASTM D-88-44.....50 - 70 Seconds
Drying Time.....1/4 - 3/4 Hr. at Room Temperature
Flash Point.....50°F - 55°F

METHOD OF APPLICATION: To be applied either by brushing, spraying or dipping. If thinning is required, use **SOLDURA J-131 THINNER**.

SPECIAL PROPERTIES:

- 1) Dielectric Strength of the Dry Film--Approximately 750 volts per mil.
- 2) Dielectric Strength of the Dried Film After 24 Hours in Water @ 25°C--
Approximately 450 volts per mil.
- 3) Effect of Transformer Oil--No appreciable effect on dried film after 24 hours @ 85°C.

- 4) Flammability--Will not support combustion. Decomposes at about 135°C.
- 5) Explosibility Range--Explosibility range of the gases obtained by the destructive distillation of the dried film at 1000°C when mixed with air is less than 10%.
- 6) Resistance to Impact--Excellent.

TOXICITY: None of the ingredients used are of a toxic nature. The normal precautions used for solvents such as toluol should be exercised.

STORAGE: Should be stored away from open flames. Unlimited safe storage time.

PACKAGING: Supplied in either one-quart screw-top cans packed 12 to a carton, one-gallon screw-top cans packed 6 to a carton, or 5-gallon screw-top cans. Shipping weights are gross weights.

MARKINGS: Each container is marked with the material number, brand number, and net contents.

IMPORTANT:

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HEALTH CAUTION:

Please refer to Material Safety Data Sheet before using these products.

**PLEASE REFER TO MATERIAL SAFETY DATA SHEET FOR FURTHER FIRST
AID INFORMATION.
FOR CHEMICAL EMERGENCY**

CALL CHEMTREC (DAY OR NIGHT) 800-424-9300.