



Solar Compounds Corporation  
1201 West Blancke Street  
Linden, NJ 07036 USA  
Ph: 908-862-2813 Fax: 908-862-8061  
Intnl: Ph: (0101) 908-862-2813 Fax: (0101) 908-862-8061  
www.solarcompounds.com

# 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:**

The following supersedes any provision in your company's forms, letters, and papers. **SOLAR COMPOUNDS CORPORATION** makes NO WARRANTY, WHETHER EXPRESSED OR IMPLIED, INCLUDING WARRANTIES of MERCHANTABILITY OR of FITNESS FOR A PARTICULAR PURPOSE FOR THIS PRODUCT. No statements or recommendations contained in the product literature are to be construed as inducements to infringe any relevant patent, now or thereafter in existence. UNDER NO CIRCUMSTANES SHALL **SOLAR COMPOUNDS CORPORATION** BE LIABLE FOR INCIDENTAL, CONSEQUENTIAL OR OTHER DAMAGES FROM ALLEGED NEGLIGENCE, BREACH of WARRANTY, STRICT LIABILITY OR ANY OTHER THEORY, ARISING OUT of THE USE OR HANDLING of THIS PRODUCT. The sole liability of **SOLAR COMPOUNDS CORPORATION** for any claims arising out of the manufacture, use or sale of its products shall be to refund the buyer's purchase price, provided such products have been demonstrated in **SOLAR COMPOUNDS CORPORATION'S** sole opinion, to justify such refund.

**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.