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# TECHNICAL DATA SHEET

## SOLARITE KM-4368-FR FIRE-RETARDANT PRESSURE-SENSITIVE ADHESIVE

**DESCRIPTION:** SOLARITE KM-4368-FR is a fire-retardant pressure-sensitive adhesive. It was developed for the purpose of bonding a treated Teflon film to foil or polyester and glass fiber screen. SOLARITE KM-4368-FR passes the Boeing Aircraft Corporation Flammability Vertical Burn Test BSS7230 (12 second ignition) convincingly over 2 mil polyester.

### **SPECIAL PROPERTIES:**

- 1) High cohesive strength for optimum heat resistance.
- 2) Exceptional fire-retardant properties.
- 3) High peel strength which builds on aging.
- 4) Viscosity designed for knife over roll coating.

### **PHYSICAL PROPERTIES:**

Solids.....54% to 58%  
Viscosity.....5000 to 7500 cps (#4 RVF @ 20 rpm)  
Weight Per Gallon.....7.8 Lbs.  
180° Peel  
20 Minute Dwell.....2.5 Lbs./In. 1 Mil Thick on C.R.S. "D" Panel  
24 Hour Dwell.....3.2 Lbs./In. 1 Mil Thick on C.R.S. "D" Panel  
Shear.....68 Hours 1 In. x 1 In. @ 1000 Gms.

**PROCESS RECOMMENDATION:** Mix thoroughly before using. Apply 2 to 3.5 mils dry coating.

### **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.