

HEAT-SINK

Technical Data Sheet

GENERAL INFORMATION: *SAF-T-LOK HEAT-SINK* is a two part, no premix acrylic bonding system. It provides thermally conductive, low odor, non-flammable, quick setting bond with high strength and impact resistance on a wide variety of substrates including "as received" metals. No mixing is required. This structural adhesive is easy to use and is not stringy.

PHYSICAL PROPERTIES: -----Uncured-----

	<u>ADHESIVE</u>	<u>ACTIVATOR</u>
Color	Silver	Amber
Specific Gravity	1.1 gm/cc	1.3 gm/cc
Viscosity	4000 cps	2-5 cps
Solids Content	100%	5%
Flash Point	>200°F	>250°F
Storage Stability	12 mo. @ <75°F	12 mo. @ <75°F

PERFORMANCE CHARACTERISTICS:

A. Speed of Cure on clean mild steel @ 77°F

<u>TIME</u>	<u>Tensile/Shear STRENGTH</u>
45 sec.	Handling Strength
2 min.	1200 psi.
15 min.	2600 psi.
24 hrs.	3500 psi.

B. Typical Mild Steel Cured properties:

	<u>STRENGTH</u>	<u>METHOD</u>
Tensile/Shear	3500 psi	ASTM D-1002
Peel (t-peel)	30 lb./in.	ASTM 1876
Torsional Impact	30 in. lb.	Automotive
Coefficient of Expansion	1.4 m/m/°Cx10	

C. Thermal Properties:

<u>TEMPERATURE</u>	<u>Tensile/Shear STRENGTH</u>
-50°F	1500 psi
75°F	3500 psi
150°F	3500 psi
260°F	1900 psi

Recommended thermal range is -65°F to 350°F.

IMPORTANT NOTICE: All statements and technical data contained herein are based on tests we believe to be reliable, but the accuracy of completeness thereof is not guaranteed. It is recommended that the buyer test this product to determine its suitability for his application before use. **SAF-T-LOK Corporation** is not responsible for loss, claim or damages resulting from use of its products.