



Preliminary Product Information Sheet

(Note: These are typical properties to be used as a guide only, not a specification. Data below is not guaranteed. Different batches, conditions and applications yield differing results.)

MATERIAL ID: EPO-TEK® AP-100

Date: 10/2008

Per:

Rev: 1

Material Description: AP-100 is an all-purpose adhesion promoter. It can be used on glasses, metals, ceramics and most plastics found in electronic assembly and optical packaging applications.

Number of Components:

Mix Ratio: N/A

Cure Schedule (minimum) N/A

Specific Gravity: 1.08 --- Part A: Part B:

Pot Life: N/A

Shelf Life: One year at room temperature

NOTE: Container(s) should be kept closed when not in use. Filled systems should be stirred thoroughly before mixing and prior to use.

MATERIAL CHARACTERISTICS:

PHYSICAL PROPERTIES:

Color (before cure):	Clear/Colorless	Die Shear @ 23°C:	N/A
Consistency:	Pourable liquid	Degradation Temp:	N/A
Viscosity (23°C):		Weight Loss:	
@ 100 rpm	757 cPs	@ 200°C:	N/A
Thixotropic Index:	N/A	@ 250°C:	N/A
Glass Transition Temp:	N/A	@ 300°C:	N/A
Coefficient of Thermal Expansion (CTE):		Operating Temp:	
Below Tg:	N/A	Continuous:	N/A
Above Tg:	N/A	Intermittent:	N/A
Shore D Hardness:	N/A	Storage Modulus @ 23°C:	N/A
Lap Shear @ 23°C:	N/A	Particle Size:	N/A

APPLICATIONS NOTES:

1. As primer onto surfaces before applying epoxy resin. Make a solution of ethanol / AP100 at concentration of 99/1 parts by weight (anhydrous ethanol suggested). Mix solution until it is homogenous, and then use as primer onto desired parts. Allow parts to air dry, or can use oven drying at 80 C / 30 minutes. The parts are now successfully primed and ready for the EPOTEK product to be used.
2. As additive into the epoxy resin. Just simply mix 0-1.5% PBW into the already mixed epoxy resin. Remix until the AP100 is homogenously mixed throughout the EPOTEK product. Apply onto your parts for epoxy resin adhesive gluing.

The data above is INITIAL only - it may be changed at anytime, for any reason without notice to anyone. It is provided only as a guide for evaluation/consideration.

*These material characteristics are typical properties that are based on a limited number of samples/batches. All properties are based on the cure indicated above. Some properties may vary as manufactured quantities are scaled up to commercialized production levels.

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