Preliminary Product Information Sheet

EPO-TEK® B9021-14 (*formerly 85-20-5*)

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.

Date: September 2017
Rev: III
No. of Components: Single
Mix Ratio by Weight: N/A
Specific Gravity: 1.14
Pot Life: 15 Days
Shelf Life- Bulk: One year refrigerated

Recommended Cure: B-Stage Cure: 70°C/30 Minutes
Cure: 150°C/1 Hour

NOTES:

- Container(s) should be kept closed when not in use.
- Filled systems should be stirred thoroughly before mixing and prior to use.
- Performance properties (rheology, conductivity, others) of the product may vary from those stated on the data sheet when bi-pak/syringe packaging or post-processing of any kind is performed. Epoxy's warranties shall not apply to any products that have been reprocessed or repackaged from Epoxy's delivered status/container into any other containers of any kind, including but not limited to syringes, bi-paks, cartridges, pouches, tubes, capsules, films or other packages.

Product Description: A version of EPO-TEK° B9021-1 suggested for improved insulation and LCD gasket sealing.

MATERIAL CHARACTERISTICS*:

PHYSICAL PROPERTIES:	**Cure condition:** B-Stage Cure: 70°C/30 Minutes - Cure: 150°C/1 Hour	
Color (before cure):	Yellow	
Consistency:	Smooth paste	
Viscosity (23°C) @ 10 rpm:	19,800	cPs
Thixotropic Index:	2.6	
Glass Transition Temp:	50	°C
Shore D Hardness:	68	
Die Shear @ 23°C:	9	Kg
Degradation Temp:	347	°C
Weight Loss:		
@ 200°C:	0.80	%
@ 250°C:	3.57	%
@ 300°C:	7.02	%
Suggested Operating Temperature:	< 275	°C (Intermittent)
Storage Modulus:	359,208	psi
Particle Size:	≤ 20	microns

The data above is INITIAL only - it may be changed at any time, 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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