CHASE Electronic Coatings
We make a material difference

HumiSeal®

HumiSeal® E16BLK
Epoxy Encapsulant

HumiSeal® E16BLK is a two component, ambient cure epoxy with an easy 1:1 volume mix ratio. It has been formulated as an easy-to-use coating for encapsulation processes. Once encapsulated with E16BLK, the electronic package will exhibit resistance to physical shock, water, and chemically aggressive environments.

Applications	Features	Features
Electronic Encapsulation	1:1 vol mix ratio	Chemical Resistant
Component encapsulation	Moisture Resistant	Improves physical shock resistance
IP Protection	Electrically Insulating	

Typical Properties of HumiSeal® E16BLK*

Solvent Content	No Nonreactive Solvents
Chemical Class, Part A:B	Epoxy: Polyamide
Color, Part A:B	Black: Light Tan
Viscosity @ 25°C, cPs, Part A	20,000 - 30,000
Viscosity @ 25°C, cPs, Part B	30,000 - 45,000
Specific Gravity, Part A:B	1.60 : 1.37
Filler Base	Silica
Mix Ratio by Volume, Part A:B	1:1
Mix Ratio by Weight, Part A:B	100:88
Work Life @ 22°C, min	60
Cure Time @ 22°C, hr	24 - 48
Cure Time @ 65°C, hr	2
Cure Time @ 85°C, hr	1
Durometer Hardness, Shore D	55
Moisture Resistance	Excellent
Operating Temperature Range, °C	-50 to 155

*All properties given are typical values and are not intended for use in preparing specifications

STORAGE
Keep stored between 10°C and 28°C in tightly closed containers away from direct sunlight. Keep from freezing. Please refer to product labeling for shelf-life information. Consult SDS for safe handling recommendations.

CAUTION
Application of HumiSeal® Polyurethanes should be carried out in accordance with local and National Health and Safety regulations. Use only in well-ventilated areas to avoid inhalation of vapours or spray.

Avoid contact with skin and eyes.

Consult SDS prior to use.

Contact HumiSeal®

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