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128-16A/B

ROOM TEMPERATURE CURING URETHANE ADHESIVE AND SEALANT

DESCRIPTION: 128-16A/B is a soft, two component, abrasion resistant urethane elastomer suitable for room temperature batch processing. The unique properties of the chemistry allow for the system to features excellent electrical properties, hydrolytic stability, and a high degree of flexibility at low temperatures. Good properties can be obtained with this product without the use of hazardous components such as mercury or TDI.

MIXING INSTRUCTIONS: Premix each part in original containers prior to mixing them together by hand until the combination is uniform.

	Part A	Part B
Color	Clear/Amber	Clear/Amber
Mix Ratio (wt.)	100	100
Mix Ratio (vol.)	90	100
Specific Gravity (g/cc)	1.11	1.00
Viscosity (cps)	50	4,800
Viscosity (mixed., cps)		1,200
Gel Time (min.)		20 ± 5
Demold Time (hr.)		6 ± 1

TYPICAL CURED PROPERTIES:

Hardness (Shore A)	40 ± 5
Volume Resistance (ohm-cm)	2 x 10 ¹⁶
Dielectric Strength (V/mil)	550
Dielectric Constant	2.5
Dissipation Factor (1 KHz)	0.015
Tensile Strength (psi)	400
Elongation at Break (%)	200
Tear Strength (ppi)	75
Cure Shrinkage (in/in)	< 0.001
Solvent Resistance	Excellent

*Good properties can be achieved with a cure at 100°C for 1 hour

STORAGE: Shelf life: 12 months at 25°C, in unopened, unmixed containers.

SAFETY & HANDLING: Use with adequate ventilation. Keep away from sparks and open flames. Avoid prolonged contact with skin and breathing of vapors. Wash with soap and water to remove from skin.

All technical information is based on data obtained by CMI personnel and is believed to be reliable. No warranty is either implied or expressed with respect to results or possible infringements on patents.

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