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Technical Data Sheet

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METHACRYLATE ADHESIVE CHMA310

CHMA310 Acrylic adhesives, high thixotropy, are used for bonding composite materials such as FRP , ABS , SMC , PVC , and nylon, as well as stainless steel, aluminum, and wood. The product has excellent impact resistance , fatigue resistance, weather resistance, and chemical resistance, and demonstrates outstanding reliability in applications such as yachting, automotive, transportation, wind power generation, electronics, stone, and construction.

Physical properties:

	Component A	Component B
Appearance:	beige	beige
Viscosity (cp):	30000-60000	30000-60000
Mixing ratio (by weight):	1	1
Mixing ratio (volume ratio):	1	1
Proportion:	1.1	1.1
Operation time:	10-15 min	
Initial curing time:	15-20 min	

Mechanical properties:

Tensile shear strength MPa	≥15.0
Tensile strength MPa	≥20.0
Peel strength at 90 degrees (N/cm)	
Stainless steel plate and 45# steel	> 50.0

How to use

1. The surfaces to be bonded should be cleaned with cotton yarn or cloth before bonding.
2. Mix components A and B in a 1:1 ratio (by volume or weight) using a glue applicator or by hand. Apply the mixture to the areas of the frame to be bonded, attach the panel, and press at room temperature for 20-30 minutes or hot-press at 80℃ for 10-15 minutes before proceeding to the next step.

Storage and Transportation

1. Avoid placing the product upside down, colliding, and subjecting the product to heavy pressure during transportation and handling. Protect it from direct sunlight, rain, and high temperatures.
2. Store the product below 25℃ for a shelf life of 12 months. Avoid direct sunlight and keep away from fire sources.
3. Store A and B separately.

Package

50ML/400ML magazine-style, 1KG bottle, 5KG drum, 20KG drum.

Precautions

Mixing large quantities of A and B may cause a polymerization reaction that releases a lot of heat. Therefore, it is recommended to use static mixing. When mixing dynamically, each batch of adhesive should not exceed 20 grams.

ILLUSTRATE:

The data in this article were obtained under laboratory conditions. Due to variations in usage conditions, users should refer to these data and usage conditions for their own analysis and testing . Cohui Company does not guarantee the sale of Cohui products or address problems arising from their use under specific operating conditions, and assumes no liability for any direct, indirect, or incidental losses.If users encounter any problems during use, they can contact Cohui Company's Technical Service Department, and we will provide you with all assistance.

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