

EPXOY ADHESIVE CHE20HP

Product Introduction:

CHE20HP is a two-component epoxy adhesive that cures quickly at room temperature, providing a strong and tough bond with very high adhesive strength, approximately 50-100% higher than general-purpose epoxy adhesives. It bonds to a wide range of materials. This product is non-toxic, low-irritant, safe to use, and has good durability. It is suitable for bonding glass, ceramics, iron, steel, aluminum and other metals, wood, cardboard, leather, jade, stone, and other hard plastics and vulcanized hard rubber. It has high toughness, high shear strength, and high peel strength. This product has good bonding effects on hard materials (glass, ceramics, steel, iron, stone, etc.), soft materials (leather, fabrics, aluminum parts, hard rubber, etc.), and dissimilar materials.

Typical Properties:

Component A

Chemical Type:	Epoxy Resin
Appearance:	Milky white viscous liquid
Specific Gravity (25℃):	1.1
Viscosity (25℃ Pa.s):	50-60

Component B

Chemical Type:	Amine curing agent
Appearance:	Transparent viscous liquid
Specific Gravity (25℃):	1.1
Viscosity (25℃ Pa.s):	7-15

After Mixing:

Appearance:	Milky white viscous liquid
Specific Gravity (25℃):	1.1
Mixing Ratio: Weight Ratio:	2:1
Volume Ratio:	2:1

Typical Curing Performance:

Working Time (min):	20
Initial Curing Time (min):	60
Typical Cured Performance, 22℃:	
(Sanded aluminum cured for 24hr/22℃)	
Shear Strength:	25Mpa
Shore Hardness:	80D
Operating Temperature:	> 125℃
Elongation:	8%

Instructions for Use:

1. For best bonding results, surfaces should be clean, oil-free, and free of any contaminants.
 2. Apply the adhesive to the surface of the material to be bonded. To ensure maximum adhesive strength, ensure even application.
 3. Mixing must be completed within 20 minutes.
 4. During application, the mixed adhesive should not remain in the mixing device for more than 20 minutes.
 - Instructions for using the cartridge applicator: Remove the end cap and attach the static mixing nozzle. Insert the cartridge into the dispensing gun. Pull the trigger; the epoxy resin will be thoroughly mixed during application. It is not necessary to use all the epoxy resin in the syringe at once. Do not remove the mixing nozzle from the syringe after use. The mixing nozzle itself acts as a seal. Discard it and replace it with a new mixing nozzle for the next use.
 - Instructions for syringe application: Cut off the tip and apply the adhesive to the clean, dry mixing surface by pushing the plunger with equal force on each surface to be bonded. Mix thoroughly. Store any unused adhesive by removing the end cap from the plunger and inserting it into the end of the syringe.
 5. Application should be completed within 20 minutes. The larger the amount of adhesive mixed or the higher the temperature, the faster the curing.
 6. Join the parts to be bonded.
 7. Do not move before curing is complete.
- If used at high temperatures, mix in batches.

Packaging:

Double cartridge...	50ml
Double cartridge...	400ml
Bottle...	1000ML
Drum...	20KG

Storage Conditions:

Store in a cool, dry place at a temperature of 8-28 degrees Celsius, tightly sealed. Shelf life is 12 months. Do not return any removed adhesive to the original container to prevent contamination of the original liquid.

Technical Service:

If you encounter any other problems during use, please contact the Cohui Technical Service Department.
Phone: 0769-23026774 Email: cohui@cohui.com.cn

Disclaimer

The data presented in this document was obtained under laboratory conditions. Due to variations in usage conditions, users should analyze and test the data in conjunction with their specific application requirements. Cohui Company does not guarantee the performance of Cohui products under specific operating conditions and assumes no liability for any direct, indirect, or incidental losses. If you encounter any problems during use, please contact Cohui Company's technical service department. We will provide you with all necessary assistance.