



CV2002 PLUS HARDENER

**Non Flammable
Bonding Cement**

TECHNICAL DATA SHEET



DESCRIPTION

CV2002 is a non flammable neoprene based two-part cold vulcanizing adhesive. CV2002 is oil and chemical resistant and will bond to most rubber compounds such as Butyl, EPDM, neoprene, natural rubber, and SBR blends as well as fabrics such as nylon and polyester. CV2002 will also bond fiberglass. This product is also suitable for marine use and can be used for the manufacture and effective repairs to hypalon rubber inflatable boats. When used with Chemvulc Metal Primer, CV2002 is an excellent adhesive for bonding rubber to metal and concrete.

COVERAGE

CV2002 will cover approximately 2.5 square meters per 1 litre per single coat.

TEMPERATURE RANGE FOR APPLICATION

It is recommended to apply CV2002 in temperatures between 5°C and 40°C. Temperatures below 5°C will dramatically increase drying time. High humidity above 50% will also greatly increase dry time.

WORKING TEMPERATURE RANGE

The working temperature range for CV2002 once it is cured is -25°C to 85°C.

SHELF LIFE

The shelf life of CV2002 is 2 years from the date of manufacture in the sealed container. All cements and solvents should be stored in a cool, dark and dry environment.



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Application Instruction Video

INSTRUCTIONS FOR USE

PREPERATION

Gloves, safety glasses and a charcoal filtered face mask should always be used. All repairs should be done in a clean, dry environment out of direct sunlight and where the repaired area will not be contaminated from foreign materials blown into it.

MIXING

Stir the contents within the can of CV2002 thoroughly before use. Add the hardener at a mixture ratio determined by the table below. Stir thoroughly to combine the two parts.

MIXING RATIO BY VOLUME	
CV2002	HARDENER
250 mL	10 mL
1 Litre	50 mL

APPLICATION

1. Establish where the leak is, if required, using a soapy solution such as a mix of washing up liquid and water, paint/ spray over the suspect area and mark where the escaping air produces bubbles.
2. Use a patch to cover the area, with an overlap of at least 2cm away from the leak, place the patch in position and mark around it with a pencil or similar.
3. Carefully clean both surfaces, repair area and patch with a solvent such as acetone or methyl ethyl ketone (MEK) to remove any contaminants and moisture and allow to flash off,
- **DO NOT USE TURPS OR ANY MINERAL OIL BASED SUBSTANCES**
4. Sand / texture both the repair area and the patch with a new piece of 60 grit paper, wheel or similiar. **If using a buffing tool max 5000rpm.** Brush off dust.
5. Tape around repair with masking tape to avoid mess.
6. Apply the first thin layer of the adhesive mixture (adhesive and hardener stirred thoroughly) using the brush provided on both the patch and the repair area and allow to dry completely, approx 30 - 40 minutes.
- **NEVER USE A HEAT GUN OR SIMILAR TO SPEED UP THE DRYING TIME.**
7. Apply the second thin layer of the glue on both surfaces and allow to dry for 8 - 13 minutes or until it feels slightly tacky which ever comes first. If the second coat becomes completely dry repeat step 7.
8. Contact both surfaces together and press firmly making sure to workout any trapped air bubbles that may be present.
9. Leave the repair without moving it for 2 hours to dry.
10. After 12 hours the repaired area will be suitable for use.

FOR HAZARD AND SAFETY INFORMATION PLEASE REFER TO CV2002 SAFETY DATA SHEET



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