TECHNICAL DATA SHEET
TURBOFIX COLD VALCANISING CEMENT (CVC- R7)

Description:

Turbofix COLD VULCANISING CEMENT **(CVC–R7)** is viscous liquid of brushing viscosity. It is two component room temperature curing chloroprene based rubber adhesive that when catalysed with the appropriate amount of Hardener, yields high strength adhesion when bonding rubber to rubber ,rubber to fabric, rubber to steel, rubber to PVC, urethane, fiberglass, concrete etc. It is formulated after intense R & D efforts to address diverse application needs of the industry.

MIXING RATIO :

100 gm Turbofix CVC–R7 and 8 gm Hardener Turbocure CVC-H7.

Applications:

Add required amount of hardener with adhesive. Mix the solution properly until a uniform coloration occurred. Recommended doses 8 grams of hardener with 100 grams of adhesive. The prepared mixture should be consumed within 4 – 5 hrs to avoid the effect of solvent evaporation and thickening of the mix due to cross linking leading to inferior spreading property. Keep the pot covered whenever not in use. The product is highly sensitive to moisture.

CUSTOMER BENEFITS

- Higher coverage – Cost Effective
- Superior bonding strength – Quality output
- More open time – Meets Production cycle requirements.
- No settlement – Uniform performance
- Does not contain benzene – Saves human life from possibility of cancer

SOME APPLICATIONS PROCEDURE

1) Rubber to steel :-

Metallic surfaces must be free of oils grease or other contaminants. Rust and mill scale should be removed by sand blasting to NACE#2.A profile of 2-3 mils is preferred. The rubber, if cured should have all mould release agent removed and buffed with 24 grit of stiff bristled wire brush at a speed as not to burn a rubber surface. Apply a first coat to each surface with scrubbing – like motion. Allow this coat to dry for at least 1 hour at 25°C, after the required drying time a second coat is applied to each surface. Let dry until tacky, adhere both surfaces and stitch down or apply pressure. The maximum bond strength will develop to its optimum in 21 days; however initial bond strengths will be sufficiently high after 24 hours and are ready for most services.

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2) Rubber to Rubber

The rubber, if cured in sheet form should be solvent cleaned and buffed as described above before the first coat of adhesive is applied. Allow the first coat to dry for at least 1 hour or longer. After the required drying time a second coat is applied and when still tacky, stitch the two components together or apply pressure.

3) Rubber to other substrates

For adhering other elastomeric materials or special environmental conditions, please go for trial to determine the suitability of this product with individual materials and to determine the preferred method of applications.

COVERAGE

Theoretical coverage : 4 – 5 m^2 per liter.

PROPERTIES	COLD VULCANISING CEMENT
NVM Content %	18 – 20.0 %
Brookfield Viscosity (at 25 °C)	1100 – 1300 cps

PACK SIZES:
Available in 1 Litre, 5 Litres and 30 Litres packs

STORAGE AND SHELF LIFE
Stored in well-sealed containers. Turbofix COLD VULCANISING CEMENT will keep satisfactorily for 12 months from the date of manufacture. Low or high temperature storage should be avoided.

Services:
For further information on this product together with advice on application please contact Polygel Industries Pvt. Ltd. – Technical Services Department

Important Notice:
Whilst all reasonable care is taken in the compilation of this data sheet, it is customer's responsibility to determine the suitability of the product for the desired application. Also the specification parameters represent typical values and variations may be observed with in standard tolerances.

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