



FerroChem NDT Systems Pvt. Ltd.

## Solvent Remover

CRACK CHECK, FC-711/2

420 ml in Aerosol Can

For

Crack Detection by Liquid Penetrant Inspection Method

Code No.: 711/2

*Solvent Carrier, For Pre-Cleaning and Post Cleaning i.e Removal of Penetrant (Type II, Method C), by Wiping, after the required Penetrant Dwell Time, for crack detection by Liquid Penetrant Inspection Method.*



### Technical Details:

- Colour: Colorless Transparent Liquid
- Aerosol Can Volume: 500 ml
- Net Content : 420 ml (Product + Propellant)
- Weight : 398 gm ( approximate) per can
- **Coverage Area: One can is capable of testing surface of 9.08 square meter area (Approximately a square of size 3 meter by 3 meter)**
- Standard Packing : 24 Aerosol Cans in corrugated Box

### Features :

- Chemical Nature: Non hazardous, Non-Toxic, Non-Corrosive Liquid.
- **Shelf Life:** The product will be suitable for its designated use till **two (2) years** from the date of manufacture, if stored well, and in packed condition as supplied.

### Compliance Standard:

- ASTM E-165 : Standard Practice for Liquid Penetrant Examination for General Industry<sup>1</sup>
- ASTM E-1417 :Standard Practice for Liquid Penetrant Testing<sup>1</sup>
- EN ISO 3452-2 : Non-destructive testing – Penetrant testing Part 2 : Testing of Penetrant Material

### Approvals:

- **NPCIL**, Nuclear Power Corporation India Limited
- **BHEL**, Bharat Heavy Electricals Limited, Trichi

### Desirable Recommendations :

- For good results it is necessary to be used with Ferrochem Products only i.e. Penetrants FC-911, FC-921, and Non-Aqueous Wet Developer i.e. FC-811 either in Aerosol packing or otherwise.
- Ensure that the testing premises are well ventilated.
- Use of mask is recommended.

### For Storage:

- Store in Dry, Cool, Shaded Area and at temperature less than 50°C.
- Always store can vertically.

### Safety :

- Please note that propellant used is a flammable gas, also the solvent used is highly evaporating and flammable. Necessary precautions, such as keeping the surrounding atmosphere free of flame or sparks is essential.

### Supplementary Products:

- **Ni-Cr Test Panel:** Used To check sensitivity of Dye Penetrant Materials
- **Aluminum Comparator Block :** Used To check sensitivity of Dye Penetrant Materials
- **White Light Assembly :** Used for inspection in NDT techniques such as MT and PT.
- **Lint Free Cloth :** Used for cleaning the job surface before and after testing

**For more technical information or detailed procedure about how the product should be used, please contact FerroChem.**

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