



FerroChem NDT Systems Pvt. Ltd.

White Contrast For M.P.I. CRACK CHECK, I204/2 420 ml in Aerosol Can For

**Creating background on component surface during Crack Detection by
Magnetic Particle Inspection Method**

Code No.: (3)I204/2

*Fast drying white coat for creating a suitable background on surfaces of components
which are to be tested for crack detection by Magnetic Particle Inspection Method.*



Technical Details:

- Colour: White
- Aerosol Can Volume: 500 ml
- Net Content : 420 ml (Product + Propellant)
- Weight : 402 gm (approximate) per can
- **Coverage Area: One can is capable of creating white background on surface of 4.90 square meter area (approximately a square of size 2.21meter by 2.21meter)**
- Standard Packing : 24 Aerosol Cans in corrugated Box

Features :

- Chemical Nature: Non hazardous, Non-Toxic, Non-Corrosive Liquid.
- Fast Drying , easily removable by using product I407/2 i.e. Remover For Contrast Coat.
- **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:

- **BS EN ISO 9934-2:2002** :Non-destructive testing-Magnetic particle testing

Desirable Recommendations:

- For good results use I204/2, with Ferrochem Product FerroChem Black Ready Bath i.e. I47A/2.
- To avoid possible clogging while storing after use, turn the can upside down and spray a short jet of propellant. Clean the actuator off any accumulation of White Contrast and always store the can vertically.
- 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:

- **I47A/2** : Black Colored Magnetic Powder Ready bath For M.P.I
- **I407/2** : Non-aqueous cleaner used to remove coat of White Contrast i.e. I204/2
- **Rotating Arm Yoke:** AC/ DC yoke used for Magnetization and demagnetization of component in M.P.I.

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

Website www.ferrochemndtsystems.com or
Email Id info@ferrochem.net kind attention : Q.C. Department