



# Magnetic Particle Inspection

*Product information*

*MR® White Contrast Paint*

**MR**<sup>®</sup>  
CHEMIE

NDT-materials

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## MR® 72 White Contrast Paint

for magnetic particle inspection according to DIN EN ISO 9934 part 1

### General appearance and composition:

- Coating material containing solvents, free of aromatics
- MR® 72 White Contrast Paint serves to lighten the surface of the work piece when performing non fluorescent magnetic particle inspection with MR® 76 S Magnetic powder suspension black
- Dries quickly and forms a smooth white film
- Testing security is guaranteed at work piece temperatures between +10 °C and +50 °C
- Temperature resistant up to +80 °C
- MR® 72 White Contrast Paint meets the requirements of DIN EN ISO 9934 part 2 and may be identified as „free of corrosive ingredients according to DIN EN ISO 9934 part 2“.
- Regarding the contents of corrosive ingredients MR® 72 White Contrast Paint meets the requirements of ASME Code V, Section V, Article 6, T-641.

### Relevant approvals and specifications

- Type testing in accordance to DIN EN ISO 9934 part 2
- Examination of corrosive ingredients according ASME Code V, Section V, Article 6, T-641
- In correspondence with Lloyd's Reg., Bureau Veritas, Det Norske Veritas, admitted by Framatome ANP
- Produits et Matériaux Utilisables en Centrales (PMUC)

### Application:

- Remove fat and oil (e.g. with MR® 71 Paint Remover) as well as tinder, rust and other contaminations from surface in a suitable manner
- Spray a thin film MR 72® White contrast paint (layer thickness max. 40 µm) on the surface and allow to dry for a few seconds
- Apply MR® 76 S Magnetic powder suspension black or one of our other suspensions (e.g. MR® 220, MR® 221, MR® 225) on the surface during magnetization (e.g. with a MR® Hand yoke)
- Discontinuities will appear as black magnetic particle indications on the white surface
- After documentation the surface can be cleaned with MR® 71 Paint Remover

### Minimum durability:

- Will keep for a minimum of 4 years, stored at room temperature

### Pack sizes:

- Aerosols, 500 ml (1 box contains 12 aerosols)
- 5 L

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Please visit our website [www.mr-chemie.de](http://www.mr-chemie.de)

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