



# Magnetic Particle Inspection

Product information

MR<sup>®</sup> 72 LS White Contrast Paint

**MR**<sup>®</sup>  
CHEMIE  
NDT-materials

TO SEE MORE!

## MR<sup>®</sup> 72 LS White Contrast Paint

paintable<sup>\*)</sup> and overweldable<sup>\*\*)</sup>

for Magnetic Particle Inspection according to EN ISO 9934-1

### General appearance and composition:

- Contains solvents, free of aromatics, dries quickly
- MR<sup>®</sup> 72 LS White Contrast Paint serves to lighten the surface of the work piece when performing non fluorescent magnetic particle inspection with coloured MR<sup>®</sup> Magnetic powder suspensions.
- Processing temperature +10 to +50 °C
- Aerosol over head sprayable
- <sup>\*)</sup> The possibility to paint on MR<sup>®</sup> 72 LS refers to a specific 2-components-lacquer-system. If using other systems, this needs testing for every single case.
- <sup>\*\*)</sup> Criteria for overwelding see test report no. 13090 of the SLV Berlin dd. 26.07.2010 (currently in German only)

### Relevant approvals and specifications

- Type testing according to EN ISO 9934-2
- Examination of corrosive ingredients according ASME Code V, Section V, Article 7 EN ISO 9934 part 2
- In correspondence with Lloyd's Reg., Bureau Veritas, Det Norske Veritas
- Overweldability, report no. 13090 of the SLV Berlin dd. 26.07.2010

### Application:

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

### Minimum shelf life:

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

### Pack sizes:

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