MR® 671 F / MR® 671 FN
Penetrant fluorescent
for Penetrant Testing according to EN ISO 3452-1

General appearance and composition:
- Water removable penetrant fluorescent, type I acc. to EN ISO 3452-1
- Free of mineral oil
- Very good biodegradability according to EN ISO 9888
- Suitable for all metals (suitability of MR® 671 F for plastics and ceramics needs testing prior to use)
- MR® 671 FN specially was developed for ceramics and heat exchanger industry
- Low background fluorescence
- Processing temperature: +10°C to +50°C
- Aerosol can overhead sprayable

Relevant approvals and specifications
- MR® 671 F: Sample testing acc. to DIN EN ISO 3452-2,
  Sensitivity class 1 acc. to DIN EN ISO 3452-2
- MR® 671 F: Sensitivity class 1 acc. to self classification

System IAc
- Remover: Water
- Developer: MR® 703 W

System IAd
- Remover: Water
- Developer: MR® 70

System IAA
- Remover: Water
- Developer: MR® 81 T-R

System ICD
- Remover: MR® 79, MR® 85, MR® 88
- Developer: MR® 70

- Low content of halogens and sulphur according to EN ISO 3452-2

Application:
- Remove tinder, rust and other contaminations from surface in a suitable manner.
  A possible precleaner for removal of oils or fats is e.g. our remover MR® 79 or MR® 88.
- Apply MR® 671 F / MR® 671 FN Penetrant fluorescent to the part to be tested either
  by spraying, brushing, flooding or dipping. Allow to penetrate for at least 5
  minutes.
- Remove excess penetrant from surface with water.
Penetrant Testing

Product information
MR® 671 F / MR® 671 FN Penetrant fluorescent

- **Wet developer:**
  Spray MR® Developer from a distance of approx. 20 cm on the dry surface. Please note: If the developer layer is too thick tiny discontinuities will not appear through the developer.

- **Powder Developer:**
  Dust MR® Powder developer on dry surface (e.g. with electrostatic spray gun or powder ball).

- Under UV-light surface defects will appear as yellow-green fluorescent indications.

**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, 30 L, 200 L