

## FLUXO R180

### Solvent Based Developer for Penetrant Testing

#### General Appearance & Composition

- Solvent Based Developer for Red & Fluorescent Penetrant Testing
- Form d/e according to EN ISO 3452
- **FLUXO R180** is suspension of inert white particle in a flammable volatile organic solvent.
- Processing Temperature: -20° to 50° C
- Associated products:
  - Cleaner / Remover: **FLUXO S190** / **FLUXO N150**
  - Penetrant: **FLUXO** penetrant
- Manufacturer: SREM TECHNOLOGIES

#### Approval & Specifications

- EN ISO 3452-2
- EN ISO 3452-6 - Low Temperature
- RCC-M Code
- ASME - Boiler and Pressure Vessel Code - Section V
- ASTM E 1417 - ASTM E 165
- Low in Sulphur & Halogens (Nuclear Quality)
- PMUC - Can be used in nuclear plants

#### Properties

- Aspect: White solid particles in a clear liquid
- Density (20° C): 0,89
- Flash Point: <0° C
- Compatible with any metal & many synthetic materials



#### Instructions for Use

- **Cleaning:** Remove rust, tinder and all contaminations from the part with **FLUXO** cleaner
- **Application of Penetrant:** Apply **FLUXO** Penetrant: Application by immersion, spraying, brushing, dipping, etc... Allow to penetrate for at least 10 minutes.
- **Removal:** Remove the excess penetrant from the surface, with water. If you can't or don't want to use water, remove the excess penetrant with solvent **FLUXO S190**.
- **Drying:** Begin drying procedure immediately after water wash.
- **Developing:** Apply **FLUXO R180** developer on the part, achieving a thin and uniform layer.
- **Inspection:** Parts shall be inspected as per ISO 3059 standard requirements. Surface defects will appear as red or fluorescent indication.

#### Shelf Life

- Minimum of 5 years, stored at room temperature.
- Please refer to the Safety Data Sheet

#### Pack Sizes

- Aerosol Can 500mL - Drum 10L



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