FLUXO R175
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 R175** is suspension of inert white particle in a flammable volatile organic solvent.
- Processing Temperature: 10° to 50°C
- Associated products:
  - Cleaner / Remover: **FLUXO S190**
  - Penetrant: **FLUXO** penetrant
- Manufacturer: **SREM TECHNOLOGIES**

Approval & Specifications
- **EN ISO 3452-2**
- **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

- **SAE - QPL- AMS 2644 – Developer – Form d/e**
- **SAFRAN – Pr-5000**
- **AIRBUS – AITM6-1001 –** *Penetrant Inspection*
- **BOEING – BBS7039 –** *Liquid Penetrant Inspection*
- **ROLLS ROYCE - RRP 58003**
- **AIRBUS Helicopters – EI070 09-023**

- **ROLLS ROYCE** – CSS232
- **GOODRICH** – ST2452
- **SAFRAN HELICOPTERS ENGINES** - CCT 00418
- **GE –** General Electric Company P3TF2 – P3TF47
- **LIEBHERR AEROSPACE** - MFT0253

Properties
- *Aspect*: White solid particles in a clear liquid
- *Density (20°C)*: 0,89
- *Flash Point*: 12°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 R175** 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 – Aerosol Can 300mL
- Drum 5L – 10L

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