



## Technical Data Sheet

### FlawGlo SD-175

Solvent Suspended Developer

FlawGlo SD-175 is a ready to use suspension of white particles in a volatile organic solvent. FlawGlo SD-175 produces an opaque white coating, which provides an excellent contrasting background for Spot-check. FlawGlo SD-175 is specially formulated to be low in sulfur and halogens and contains no chlorinated hydrocarbons. FlawGlo SD-175 non aqueous developer provides maximum sensitivity through its solvent action on the penetrant at the defect site.

#### General Appearance & Composition

- FlawGlo SD-175 is a suspension of inert white particle in a flammable volatile organic solvent
- Developer for visible & fluorescent Penetrant testing
- Form d and e according to EN ISO 3452-1

#### Approval & Specifications

- IS 3658 & IS 12889
- ASTM 0129-13 & ASTM D808
- Article 24, ASME - Boiler and Pressure Vessel Code - Section V
- Article 6, section V
- Meets the requirements of ASTM E-12
- Low in Sulphur & Halogens

#### Properties

- Density (20°C): 0.89 g/ml
- Flash Point: 12°C
- Processing Temperature: 10° to 50°C
- Compatible with any metal & many synthetic materials

#### Application

- FlawGlo SD 175 should be applied by spraying only. Developers should be applied only after the test surface has been cleaned of excess penetrant, and the cleaning medium (for example a solvent such as FlawGlo SC-190) has been dried off.
- Non-aqueous developers should be sprayed in thin even layers. A thick coating is not required for this effect and is undesirable as masking of indications could result. With FlawGlo SWP-139 penetrants cracks will appear as lines and porosity as spots.
- FlawGlo SD-175 is compatible and approved to use with all FlawGlo Penetrants.

**Shelf Life:** 2 years minimum when stored at room temperature.

**Pack Sizes:** Aerosol Can 500 ml

**Disclaimer:** Our technical advice, information and statements given verbally, in writing or in the form of test results, are offered for your guidance without warranty. No warranty of fitness for a particular purpose is made. It is the user's responsibility to test the suitability of each product for his intended process and applications. Our guarantee is limited to the consistent quality of our products.