



SUPER SERIES FLAWCHEK LIQUID DYE PENETRANT INSPECTION SYSTEM

DESCRIPTION

Designed to locate surface discontinuities or other indications on all non-porous materials (Metals, Plastics, Ceramics), Cracks, Seams, Porosity, Laps, Laminations, Cold Shuts. Used to detect welding, casting & forging defects, cracks & leaks in new - components and fatigue cracks on in - service components.

KEY FEATURES

- Will detect wide spectrum of flaw sizes regardless of flaw orientation up to 1 micron to 30 microns depth on standard Ni - Cr test panel
- Superior capillary action, Non - Toxic, Non - Corrosive, Free from halides & sulfides
- Confirms to MIL-I-25135, MILSTD 271, IS: 3658 - 198 'Code of practice for liquid penetrant flaw detection'
- CFC Free formulation



1. SUPER DEVELOPER:

- a) % Volatile by volume: 94%
- b) Specific Gravity < 1
- c) Vapour Pressure 45-55 Psig
- d) Non -toxic formulation



2. SUPER PENETRANT:

- a) Red ultra high penetration dye
- b) Specific Gravity < 1
- c) %Volatile by volume - NA
- d) Non -toxic formulation



3. SUPER CLEANER:

- a) Non-Chlorinated solvent
- b) Fast drying
- c) % Volatile by volume - 100%
- d) Specific Gravity < 1
- e) Non-toxic formulation

APPLICATION

Evaluation of micro surface defects & flaws in weld deposits, wrought & cast products of both Ferrous & Non-Ferrous metals, powder metallurgy parts, ceramics, plastics & Glass objects.

Perfect for examining Stress corrosion and Fatigue cracks - Cranes, Bridges, Vessels, Piping, Railways. So as to prevent breakdowns, injuries or loss of life.

SHELF LIFE

- Super Cleaner & Super Penetrant - 24 Months from the date of manufacture
- Super Developer - 18 Months from the date of manufacture
- The stated Shelf life period shall be achieved only under recommended storage conditions.

'Pipe Joint Dye Penetrant Inspection'



'Valve Dye Penetration Inspection'



PACKING
400 ml



M.W.A. WELDING (THAILAND) CO.,LTD.

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