

FP1 – Water Washable for Fluorescent Penetrant Inspection

Type-1, Method A, Level 1

DESCRIPTION

ZChek FP1 is greenish yellow colour liquid under ultra violet radiation meets OSHA requirements for class 3 B liquids due to their high flash point. It is used to check for discontinuous in a wide range of applications like in automotive, engineering's for aluminium, steel, nickels, and titanium.

FEATURES / BENEFITS

- Level II Sensitivity Penetrant -better sharp indication.
- Quick wash- optimum fluorescent background
- High flash point- safe on open areas
- Non halogenated – safe on all metals.

CONFORMANCE / SPECIFICATION

- ASME B & PV Code. Sec V
- ASTM E 165
- ASTM E 1417
- ISO 3452-2



TYPICAL PROPERTIES

Viscosity@40°C	6 cSt
Flash point	>100°C
Sulfur	<1000 ppm
Chlorine	<1000 ppm
Density @ 29.5°C	0.83 g/cc
Sodium	<100 ppm
Fluorine	<50 ppm
NPE - Free	Yes

DIRECTIONS FOR USE

Pre clean the test parts, free from all foreign containments, oil and grease using ZChek- Cleaner. Dry the test parts before penetrant is applied. Water washable penetrant is applied by immersion, dip, brush or flow on conventional or electrostatic spray. Allow dwell time for penetration. Use ambient temperature water to rinse FP1 from the part surface. Dry the part surface in oven or air blower. Apply the developer by cloud, dusting, spray or dip method. Inspect the part under appropriate UV-A light intensity.

PACK SIZES

- Available in 30 litre pail and 205 litre drums.

HEALTH & SAFETY

Information on Health & Safety is made available through Material Safety data sheets and the same can be reviewed through the company's website www.zchem.in.

STORAGE & SHELF LIFE

Packed Powders have a shelf life of 5 years if unopened and stored as per ZChem Recommendations.

Manufactured By:

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Disclaimer: We have taken best care to ensure that the information provided in this data sheet is accurate. Our product is guaranteed to conform to the specifications provided. We make no other warranty; hence the liability is limited to replacement of product only.

