

Dry Powder Developer for Fluorescent Penetrant Inspection

Type 1 Form a

DESCRIPTION

ZChek-DD9 is a High Sensitivity, free flowing, white, fluffy, ready to use, dry powder developer for Fluorescent Penetrant Inspection. It forms a thin film enhancing indications formed by discontinuities.

ZChek-DD9 is listed on the QPL SAE AMS 2644

CONFORMANCE / APPROVALS

- AMS 2644
- ASME B & PV Code, Sec V
- ASTM E165
- ASTM E1417
- ISO 3452-2

FEATURES & BENEFITS

- Brilliant white - Excellent contrast
- High sensitivity - Detects ultra fine cracks.
- Forms ultra fine film - Enhances indications.

APPLICATIONS

ZChek-DD9 is used in Fluorescent Penetrant Inspection for detection of discontinuities or fine cracks in castings, forgings, extrusions and other metal surfaces in Aviation / Aerospace, Oil & Gas and Engineering Industries.

TYPICAL PROPERTIES

Color	White non-fluorescent
Particle Size	Sub - micron to 30 Microns
Sulfur	< 1000 ppm
Chlorine	< 1000 ppm
Sodium	< 500 ppm



DIRECTIONS FOR USE

- ZChek-DD9 Developer is applied to the test surfaces by Spraying /Cloud Clamber /Dipping.
- Follow ASTM E1417 for the further process.

PACK SIZES

- 1 kg - Part #121913
- 2 pound – Part #122012

HEALTH & SAFETY

Information on Health & Safety is made available through Material Safety data sheets & 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.

Registered office and factory:

ZChem Specialities Pvt. Ltd.

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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.