

High Temperature Developer

For Visible Penetrant Inspection

DESCRIPTION

ZChek-DH is developer specially formulated for detection of defects on surfaces of high temperature up to 200 Deg. C. It dries quickly and is easily removable after inspection. In the combination with ZChek-PH Penetrant, it gives high contrasting, clear indications.

CONFORMANCE /APPROVALS

- ASME B & PV Code, Sec V
- EN ISO 3452-2
- EN ISO 3452-5

FEATURES/BENEFITS

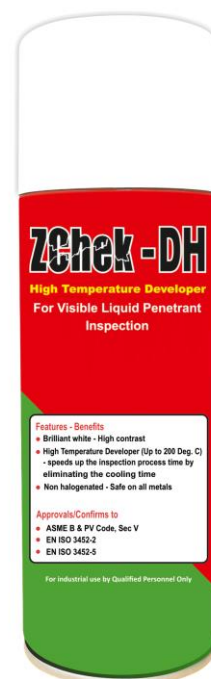
- Brilliant White – High Contrast
- High Temperature Penetrant – Speeds up the inspection process time by eliminating the cooling time
- Non Halogenated – Safe on all Metals.

APPLICATIONS

ZChek-DH is used in the inspection and detection of welding defects, fabrication- pressure vessels, castings, forgings, railways, power plants, oil & gas, maintenance etc. at elevated temperature up to 200-degree C.

TYPICAL PROPERTIES

Density	0.87g / cc
Coating	White, Opaque Film
Flash point	-16 °C



Features - Benefits

- Brilliant white - High contrast
- High Temperature Developer (Up to 200 Deg. C)
- speeds up the inspection process time by eliminating the cooling time
- Non halogenated - Safe on all metals

Approvals/Confirms to

- ASME B & PV Code, Sec V
- EN ISO 3452-2
- EN ISO 3452-5

For industrial use by Qualified Personnel Only

DIRECTIONS FOR USE

- ZChek-DH should be applied only by spraying and not by any other method.
- Spraying can be from aerosol can or air assisted conventional spraying systems.
- ZChek-DH should be applied on the test part surface only after removal of excess penetrant and after drying.
- Apply a very thin and uniform coating of ZChek-DH to get bright indication.
- Inspect :
 - for 200 deg. Celsius, after 30 second.
 - for 100 deg. Celsius, after 60 second.
 - for > 50 deg. Celsius, after 60 second.

PACK SIZES

- Aerosol Can of 520 ML 12 cans in one carton Box – Part #111701

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

Aerosol Cans have a Shelf Life of 3 Years, if unopened and stored as per ZChem recommendations.

Registered Office and Factory

ZChem Specialities Pvt. Ltd.

Sy.No. 11/2/6, Puradapalya Village, Tavarkere Hobli, Bangalore – 562130, India

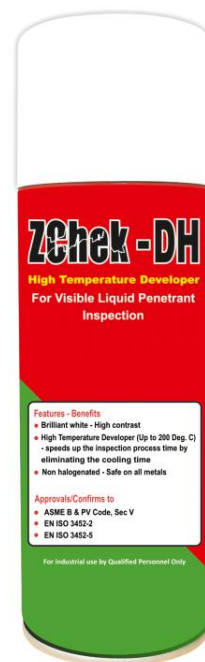
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Disclaimer: We have taken best care to ensure that the information provided in this data sheet is accurate. Our product is guaranteed to conform to the specifications provided. We make no other warranty; hence the liability is limited to replacement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