

Non-Fluorescent Fluid

For Magnetic Particle Inspection

DESCRIPTION

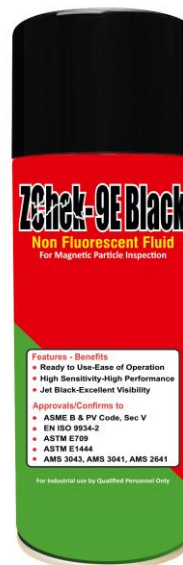
ZChek-9E Black is a high performance non-fluorescent black magnetic particle powder suspended in the ZChek-801 cart oil specially designed to carry the MPI powders. ZChek-9E Black is used in detection of surface & near surface discontinuities in Ferro magnetic materials and its alloys. 9E Black will give best results when used in combination with ZChek-WP white contrast paint.

CONFORMANCE /APPROVALS

- ASME B & PV Code, Sec V
- EN ISO 9934-2
- ASTM E709
- ASTM E1444
- AMS 3041
- AMS 3043
- AMS 2641

FEATURES/BENEFITS

- Ready to Use – Ease of Operation.
- High Sensitivity – High Performance.
- Jet Black – Excellent Visibility
- Non-Toxic – Environmentally Acceptable
- Low On odor – User Friendly
- High Flash Point – Safe in Open Areas



APPLICATIONS

ZChek-9E Black is used to form indications while performing magnetic particle inspection using non-fluorescent powders for welding defects, fabrication- pressure vessels, castings, forgings, railways, power plants, oil & gas, maintenance etc.

TYPICAL PROPERTIES

Form	Liquid with jet black powder
Color	Black
Particle size	< 20 microns
SAE Sensitivity	6 minimum
Settling Volume	1.2 – 2.4 ml
Flash Point	100 °C

DIRECTIONS FOR USE

- Pre-clean surface using ZChek-CR
- Shake well till rattling sound is heard.
- Spray on the part surface while magnetizing force is on.
- For excellent results, use with ZChek-WP White contrast paint

PACK SIZES

- Aerosol Can of 520 ML 12 cans in one carton Box – Part #213601

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

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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.