

## Non-Fluorescent Fluid

### For Magnetic Particle Inspection

#### DESCRIPTION

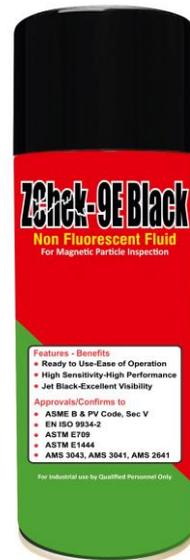
ZChek-9E Black is a high performance non-fluorescent black magnetic particle powder suspended in the ZChek-801 cart oil specially designed to carry the MPI powders. ZChek-9E Black is used in detection of surface & near surface discontinuities in Ferro magnetic materials and its alloys. 9E Black will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

<b>Form</b>	Liquid with jet black powder
<b>Color</b>	Black
<b>Particle size</b>	< 20 microns
<b>SAE Sensitivity</b>	6 minimum
<b>Settling Volume</b>	1.2 – 2.4 ml
<b>Flash Point</b>	100 <sup>0</sup> C
<b>Usage Temperature</b>	5 <sup>0</sup> C to 50 <sup>0</sup> C

## DIRECTIONS FOR USE

- Pre-clean surface using ZChék-CR
- Shake well till rattling sound is heard.
- Spray on the part surface while magnetizing force is on.
- For excellent results, use with ZChék-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](http://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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