



# 9E Black

## PRODUCT DATA SHEET

### Non-Fluorescent Fluid for Magnetic Particle Inspection

#### DESCRIPTION

**ZChек-9E Black** is a high performance Non-Fluorescent Black Magnetic Particle Powder suspended in the ZChек 801 Cart oil . ZChек 9E Black is used to detect Surface & near surface discontinuities in Ferro magnetic materials and its alloys. Will give best results when used in combination with ZChек WP white contrast paint.

#### SALIENT FEATURES

High Sensitivity

Jet Black colour

Non-Toxic

Low On odour

High Flash Point

#### BENEFITS

Can Detect very fine defects

Excellent visibility on white paint

Environmentally Acceptable

User Friendly

Safe in open areas

#### CONFORMANCE / SPECIFICATION COMPLIANCE

- ASME B & PV Code, Sec V
- EN ISO 9934-2
- ASTM -E 709
- AMS 3041, AMS 3043, AMS 2641
- ASTM -E 1444
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#### APPLICATIONS

Welding Defects, Fabrication, Pressure Vessels, Castings, Forgings, Railways, Power plants, Oil & Gas, Maintenance etc

#### TYPICAL PROPERTIES

Form	Suspended fluid
Color	Black
Particle size	5-20 micron
SAE Sensitivity	6 minimum
Working temperature range	50 °c

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## **DIRECTIONS FOR USE**

Pre- Clean surface using ZChek CR or ZChek-CL, spray directly on part surface and clean with cloth or brush

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

## **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 and the Bulk Packing of 5 years if unopened and stored as per ZChem Recommendations

Manufactured By:

## **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.

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