

9E Black - Non-Fluorescent MPI Suspension

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. Will give best results when used in combination with ZChek 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
- User friendly
- Excellent visibility on white paint
- Safe in open areas
- Environmentally acceptable

APPLICATIONS

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	Free flowing powder
Color	Black
Particle Size	< 20 microns
SAE Sensitivity	6 Minimum
Upper Temperature Limit	80°C



CONFORMANCE / SPECIFICATION

- ASME B & PV Code, Sec V
- EN ISO 9934-2
- ASTM -E 709
- AMS 3041
- AMS3043
- AMS2641
- ASTM -E 1444



DIRECTIONS FOR USE

- Pre-Clean surface using ZChek CR/ ZChek CL – 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.

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:

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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.