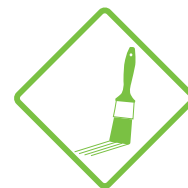


# MAGNAVIS WCP-2



## WHITE CONTRAST PAINT

### General description

Magnavis WCP-2 is a ready-to-use, rapid-drying white contrast paint. It produces an opaque white background to enhance visible indications on dark-coloured test surfaces.

WCP-2 is suitable for use in both dry method and wet method magnetic particle inspection.

### Composition

WCP-2 consists of inert inorganic pigments and an acrylic binder in a solvent blend based on acetone. It is low in sulphur and halogens, and contains no chlorinated hydrocarbons.

### Typical Properties (not a specification)

Property	WCP-2
Form and colour	Mobile white liquid
Flash point	- 18°C (bulk product)
Density	0.93 g/cm <sup>3</sup>
Boiling point	56°C
Solids content	20%
Viscosity at 20°C	< 200 mm <sup>2</sup> /s
Storage temperature	10°C - 30°C
Usage temperature	5°C - 50°C
Coverage	Aerosol: 10 - 15 m <sup>2</sup> Bulk: 25 - 35 m <sup>2</sup>

Like all Magnaflux materials, WCP-2 is closely controlled to ensure batch-to-batch consistency, optimum process control and inspection reliability.

### General Method of Use

- **Clean** the component before testing to provide a suitable test surface.
- **Shake the WCP-2** to ensure the paint particles are evenly distributed.

- **Apply** an thin, even film of the paint to the test surface by spraying, dipping or brushing. Allow to dry.
- **Apply magnetic particles** to the test surface and observe any indications formed around leaks/defects. If the test material has a high retentivity, indications will remain visible; otherwise, the indications will slowly fade.
- **After inspection**, demagnetise the test part before cleaning. The dried paint film can be removed using a wire brush or a common solvent, such as acetone.

### Recommended Products

Product type	Product Name(s)
Cleaner/remover	SKC-S
Visible MPI inks	Magnavis 7HF, WB-27

### Specification Compliance

Specification	WCP-2
ASME B & PV Code, Sec V	✓
EN ISO 9934-1	Para. 7 & 10 as applicable
EN ISO 9934-2	Para. 7 as applicable

### Availability

Unit	Part numbers
10 x 400ml aerosols	008A009
4 x 5 litre containers	055C027

### Health and Safety

Read the relevant Safety Data Sheet for this product before use. Safety Data Sheets are available on request from your Magnaflux distributor or via the Magnaflux website:

[www.eu.magnaflux.com](http://www.eu.magnaflux.com)