

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.

Benefits

- Ready-to-use and rapid-drying
- Suitable for use in both dry method and wet method magnetic particle inspection.
- Low in sulphur and halogens. Contains no chlorinated hydrocarbons.

Composition

WCP-2 is made of inert inorganic pigments and an acrylic binder in a solvent blend that is based on acetone.

Typical Properties (not a specification)

Property	WCP-2
Flash point	-40°C (aerosol) - 18°C (bulk product)
Density	0.93 g/cm ³
Boiling point	56°C
Solids content	20%
Viscosity at 20°C	< 20 mm ² /s
Storage temperature	10°C to 30°C
Usage temperature	-5°C to 50°C
Coverage	10 - 15m ² per 400ml aerosol 20 - 30m ² per litre

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

Recommended Products

Product type	Product Name(s)
Cleaner/remover	SPOTCHECK [®] SKC-S
Visible MPI inks	MAGNAVIS [®] 7HF, WB-27

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.

Specification Compliance

Specification	WCP-2
ASME B & PV Code, Sec V	✓
EN ISO 9934-1	Para. 7 & 10 as applicable
EN ISO 9934-2	✓
GOST R ISO 9934-2-2011	✓

Availability and Part Numbers



008A009 (x 10)



055C027 (x 4)

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

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