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## TECHNICAL

## DATA SHEET

Ref : TDS/ B 104A

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Rev : 4 Date : 11/09

### WHITE CONTRAST PAINT FOR MPI B 104A

**MANUFACTURER : Babb Co (FR)**

**DESCRIPTION / APPLICATION(S) :**

Very fast drying, high opacity white contrast paint. Improves performance of any black magnetic detecting medium.

May be used in any MPI (Magnetic Particle Inspection) technique : current flow, electromagnets, permanent magnets, etc...

**Companion products :** B 103C, B 105, KP42, WCB 42

**SPECIFICATION(S) / STANDARD(S) :**

- Conforms to code(s) : ASME, RCC-M  
standard(s) : ISO 9934-2  
NFF 00-090  
specification(s):ASTM-E-1444
- Homologation : PMUC (French acronym for : Products and Equipments allowed for use in power plants by EDF-French Electricity Board)

**PHYSICO-CHEMICAL PROPERTIES:**

- Highly volatile and low toxicity propelling agent
- Halogenous content (Chlorine + Fluorine + Bromine) : < 200 ppm
- Sulfur content : < 200 ppm


**PACKAGING / TRANSPORT / STORAGE :**

**.Packaging :** spraycan 500mL

**.Transport / Handling :** Refer to Material Safety Data Sheet (MSDS).

**.Storage / Shelf life :** Keep away from moisture  
Temperature range : -5°C à 50° C (23°F to 122°F).  
Keep packaging closed after taking out some of the product

Spraycan : 30 months

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## **INSTRUCTIONS :**

If necessary remove scale, paint residue, oxide, etc...

Degrease using cleaner N 120 and cleaning rags or preimpregnated N 120 swabs

Strongly shake B 104A spray can, then, from a distance of 20 to 30 cm, firmly push nozzle while keeping spray can upside.

Spray a thin, uniform coat of B 104A (if possible only one layer)

A 20 to 30 µm layer is enough. Too a thick coat leads to coat defects ("orange skin") and decreases inspection sensitivity.

B 104A is not soluble in water or in currently used hydrocarbon-based magnetic inks.

After inspection, special solvent B 105 shall be used to remove B 104A.

## **HEALTH AND SAFETY :** Refer to Material Safety Data Sheet (MSDS).

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