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TECHNICAL

DATA SHEET

Ref : TDS/ B 104A

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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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