

BLACK MAGNETIC INK
Aqueous dispersion in spraycan
BabbcoSafe 820A

MANUFACTURER : Babb Co (FR)

DESCRIPTION / APPLICATION(S) :

Black magnetic ink for inspection under **white** light :

- Very thin
- Very stable
- Distributed in spray can

Can be used with any magnetic field generator (current passing, hand yokes, permanent magnets).

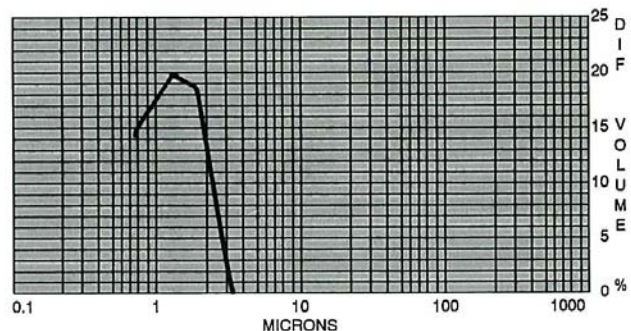
Companion products : White background B 104A

SPECIFICATION(S) / STANDARD(S) :

- Conforms to code(s) : ASME
standard(s) : ISO 9934-2
NFF 00-090
specification(s):AMS 3042
ASTM-E-1444

PHYSICO-CHEMICAL PROPERTIES:

- Water-based solution containing anticorrosion and wetting agents. Non-flammable, no odour, no vapour
- Magnetic powder with particles from 0,5 to 4 µm. Average value : 1,5 µm
- Propellant : CO₂
- Free from halogens and sulphur
- Concentration : 12,0 g of magnetic particles/L





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TECHNICAL

DATA SHEET

Ref : TDS/
BabbcoSafe 820A

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Rev : 2 Date : 11/09

PACKAGING / TRANSPORT / STORAGE :

- .Packaging :** 400mL spraycan
.Transport / Handling : Refer to Material Safety Data Sheet (MSDS).
.Storage / Shelf life : Keep away from moisture
Temperature range : 0°C à 50° C (32°F to 122°F).
Keep packaging closed after taking out some of the product

Spraycan : 24 months

INSTRUCTIONS :

We advise to clear the piece from any paint, oxide, soldering flows, etc..., likely to give false indications, and to degrease carefully and thoroughly.

Best results are obtained by using **BabbcoSafe 820A** between 10 and 35°C.

Prior application of the B 104A contrasting white background is strongly recommended. The contrast with **BabbcoSafe 820A** shall then be enhanced significantly, causing reading to be easier and detection to be safer.

Once the B 104A is dry, shake the **BabbcoSafe 820A** vigorously until the ball tinkles clearly.

Spray **BabbcoSafe 820A** during 3 to 5 seconds on the area to be inspected **during the magnetisation**. Carry on magnetising for 2 to 3 seconds after you stop spraying, so that the particles can take their place properly.

Inspection is done under white light.

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

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