

**TECHNICAL**  
**DATA SHEET**Ref : TDS/  
**BabbcoSafe 850A**

Page : 1/2

Rev : 3 Date : 11/09

**DUAL PURPOSE RED MAGNETIC INK**  
**Aqueous dispersion in spraycan**  
**BabbcoSafe 850A****MANUFACTURER : Babb Co (FR)****DESCRIPTION / APPLICATION(S) :**Dual purpose magnetic ink for inspection under **UV-A** and/or **white** light :

- Very thin
- Very stable
- Distributed in spray can

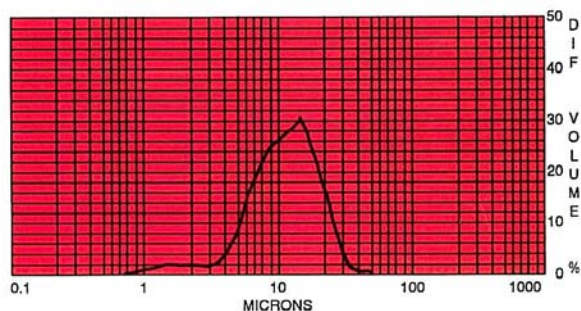
Can be used with any magnetic field generator (current passing, hand yokes, permanent magnets).


**Companion products :** White background B 104A (optional)**SPECIFICATION(S) / STANDARD(S) :**

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

**PHYSICO-CHEMICAL PROPERTIES:**

- Water-based solution containing anticorrosion and wetting agents. Non-flammable, no odour, no vapour
- Magnetic powder with particles from 5 to 20 µm. Average value : 9 µm
- Propellant : CO<sub>2</sub>
- Free from halogens and sulphur
- Concentration : 8,0 g of magnetic particles/L

**PACKAGING / TRANSPORT /**

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### 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 850A** between 10 and 35°C.

Shake the can until you can clearly hear the ball tinkling.

Spray **BabbcoSafe 850A** 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 (red indications) and/or UV-A light (red-orange fluorescent indications).

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

*The information given herein is given in good faith to our customers for the sole purpose of assisting them in the use of the products. The document contains no formal or implicit guarantee regarding its use.*

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