

**Approvals and conformities**

ASME

ISO 9934-2

ASTM-E-1444

PMUC (French acronym for : Products and Equipments allowed for use in Powerplants by EDF - French Electricity Bo

**MANUFACTURER: Babb Co (FR)****DESCRIPTION / APPLICATION(S):**Yellow-green fluorescent magnetic ink for inspection under **UV-A, compatible with actinic blue:**

- Very thin

- Very stable

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

**Companion products:** water or demineralised waterWater-based solution containing anticorrosion and wetting agents. Non-flammable, no odour, no vapour  
Low in halogens and sulphur content**DIRECTIONS FOR USE**

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 778A between 10 and 35°C.

**Use of spraycan :**

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

Spray BabbcoSafe 778A 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.**Use of concentrate :**

Stir the bottle thoroughly before pouring the content in a 10 L can. Rinse the bottle twice with water, pour in the 10 L can, then add water for a total volume of 10 L. The product is then ready to use.

Before any use, stir the product thoroughly to ensure consistent concentration.

When the BabbCoSafe 778A is in a bench, switch on the recirculating pump before inspection for homogenisation.

Inspection is done under UV-A light also compatible with actinic blue light.

## **TECHNICAL CHARACTERISTICS**

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Concentrate : pH>8,9

Dilution : pH around 8,7

Particle content . . . . . 2,0 g of magnetic particles/L (spraycan), 30g/L (concentrate)

Particles dimensions . . . . . : from 0,5 to 25 µm. Average value : 6,5 µm

Fluorescence . . . . . : 2,9 cd/W (under UV-A)

**This technical data sheet replaces and cancels the previous one.**

1 Date : 05-07-2017 Written and checked by : F. Héron