

MANUFACTURER: Babb Co (Fr)**DESCRIPTION / APPLICATION(S):**

Red dye thixotropic penetrant for the search of surface flaws without drops.

Free from diazoic dye (Azo III A 2 amine) and rhodamine.

Companion products : developer D-100

Cleaner N120, N120 wipes

Remover N106A, N106A wipes

DIRECTIONS FOR USE

Surface must be free of contaminants, **even inside flaws**. Use adequate methods to remove oxides, paints, oils, water, etc...

Prior to applying penetrant, wipe out with cleaner N120 and rags. Allow 2 minutes for complete evaporation.

Apply the gellified penetrant by any adequate means (a brush or a cloth)

Dwell time:

20 to 30 minutes at least.

Excess of penetrant removal:

- Wipe off the excess of penetrant from the surface using clean rags.
- Using rags lightly moistened with N 106A wipe again.
- As a final step, wipe with clean, dry rags.

Applying the developer:

When moisture has evaporated, apply one of the mentioned developers (spray only) in a thin and homogeneous layer.

Inspection:

Parts shall be inspected as per ISO 3059 standard requirements under 500lux minimum at the surface of the part. Inspection is better off when using a "cool white" light, colour temperature being more than 4500K and colour rendition index more than 80 or light with an illuminating index of D65. It is recommended NOT TO USE undervoltaged incandescent bulbs, as it often happens with battery-operated units, this giving a yellowish light.

TECHNICAL CHARACTERISTICS

Very low content in halogens and sulphur.

Compatible with all metals and ceramics, and with some plastics.

Appearance red gel

Flash point > 65°C

Viscosity very high, but decrease rapidly when mixed

PRECAUTIONS FOR USE AND STORAGE

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

Storage : Keep away from moisture

Temperature range: 0°C à 50° C.

Keep packaging closed after taking out some of the product

This technical data sheet replaces and cancels the previous one.

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