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## TECHNICAL DATA SHEET

Ref: D 90 G

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**MANUFACTURER: SHERWIN (USA)/NDT Europa (NL)**  
**DISTRIBUTOR: NDT Consultants Limited (UK)**

**DESCRIPTION / APPLICATIONS:**

Fluffy white powder

**COMPANION PRODUCTS:**

All fluorescent penetrants.

**SPECIFICATIONS / STANDARDS:**

AMS 2644, Form a (dry developer) approved  
GENERAL ELECTRIC  
PRATT and WHITNEY  
BOEING  
SNECMA DMC 0010  
AEROSPATIALE  
TURBOMECA  
MATRA  
DASSAULT IQ-01-01-20

**PHYSICO-CHEMICAL PROPERTIES:**

Very low chlorine, fluorine, sulphur, and sodium content.  
No ignition point.  
No asbestos or crystallized silica content.  
Density: 160 ± 50 g / litre.

**PACKAGING / TRANSPORT / STORAGE:**

Packaging: 10-liter bags or smaller packaging.  
Shipping / Handling: refer to MSDS .  
Storage / Shelf life: Keep away from moisture  
Temperature limit: 0 to 50° C. (32 to 120°F.)  
Keep packaging closed after taking out some of the product.  
Guaranteed shelf life : 48 months.

**INSTRUCTIONS:**

CAUTION: BEFORE TAKING THE PRODUCT OUT, HOMOGENIZE THE POWDER.  
CLOSE THE PACKAGING CAREFULLY AFTERWARDS.

**Immersion:**

After washing and drying the parts, immerse them for 5 to 10 seconds into the developer. Take them out and let them bleed for at least 10 minutes. The developer should be homogenized (using a wooden spoon, for example), twice a day.

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### Dust chamber:

Once washed and dried, the parts are inserted into the dust chamber. They are to be placed at mid-height of the tank (which is closed). A very small quantity of powder, at the bottom of the tank, is stirred by a fan, or by a blow of compressed air (dry and oil-free: in that case, exhaust should be directed outside the workshop) for approximately 30 seconds. Then let the parts dry for at least 10 minutes in the compartment, so that the powder can fall down before opening.

### NOTE:IT IS STRONGLY ADVISED TO:

- Use one or several fans rather than compressed air.
- Use vertical axis fan placed at the bottom of the tank.
- If, however, you wish to use compressed air, it should be oil-free and, above all, very dry (a dew point of - 20°C [-4°F] or less is strongly recommended)

### Spray:

D 90 G can be applied by pneumatic spraying (dry, oil-free air). However, electrostatic spraying is preferable, as it makes it possible to apply a thin layer of developer, which remains clean at all times. In either case, the compressed air should have a dew point of - 20° C (-4°F). (or less).

### HEALTH AND SAFETY: refer to MSDS.

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