

NEO-GLO F-4W-SP/1 AMS2644 Qualified Water suspendible Developer

NEO-GLO F-4W-SP/1 is a wet developer. Wet developers draw penetrant fluid out of defects through capillary action, forming enlarged fluorescent indications of the defects. This product is a wet developer with excellent adhesion to penetrants, enhancing the visibility of defect indications. Typically, the powder is dispersed at a ratio of 60 g per 1 liter of water, but the concentration can be adjusted depending on the surface roughness of the test object or the nature of the defects being detected. After preparation, allow it to stand for at least 4 hours before use.

F-4W-SP/1 is listed as Form c (water suspendible) in QPL/QPD AMS2644 and corresponds to Form c (water suspendible) in accordance with JIS Z 2343.

■ FEATURES

- Excellent dispersibility in water.
- High capillary action for drawing out penetrant fluids.
- Classified as non-hazardous and not regulated under the Fire Service Act.
- Powder concentration can be adjusted according to the surface condition of the test object.

■ PROPERTIES

Color	White
Odor	Odorless
Flash Point	—
Fire Service Act	—

■ SPECIFICATION CONFORMANCE

- EN-ISO 3452-2
- JIS Z 2343-2
- AMS 2644
- ASTM E 1417
- ASME B&PV Code, Sec.V

* Please contact us regarding compliance to the latest standards and standards not listed in this TDS.

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■ APPLICATIONS

- Machined components
- Castings
- Forgings
- Aircraft components

■ SPECIFICATION

NDT Method	Penetrant Testing (PT) / Water suspendible Developer
Type	Type I (Fluorescent)
Method	Form c (Water suspendible)
Storage Temperature	40°F~104°F/5°C~40°C
Usage Temperature	40°F~125°F/5°C~52°C
Quality assurance period	3 years from the date of manufacture
Disposal	Dispose empty can in a safe manner in accordance with local/national regulations.

■ CONTAINER

Cans: 1 kg and 6 kg

■ SERVICE/CONTACT

Please be sure to read the SDS (Safety Data Sheet) before use.

Please download the SDS from our website or contact our nearest sales office or distributor.

For other inquiries about our products, please contact our nearest sales office.

Contact us →

