

Product Data Sheet



EISHIN KAGAKU COMPANY, LTD.

— *NEO GLO* — Fluorescent penetrant inspection materials

AMS 2644 qualified product

WATER-WASHABLE PENETRANT Type 1 Method A&C

F-4A/1 Level 1 Low sensitivity

Fluorescent penetrant inspection is ideal for detecting fine defects. Fluorescent indications of defects are more perceptible to naked eye.

Water-washable penetrant are formulated to be directly the test surface, after a suitable dwell time. The excess penetrant on the test surface is removed with water by a coarse spray or wiping. After drying, apply developer, defects are observed as “fluorescent greenish yellow indication” under black light.

These products are qualified conforming to AMS 2644 and are listed on QPL-AMS 2644, and qualified by Japan Self-Defense Force, Aircraft manufacturers in U.S. and U.K., etc. as highly reliable inspection materials.

●APPLICATIONS

F-4A/1 : Casting, raw material parts and steels

● TYPICAL PROPERTIES (Not a specification)

	F-4A/1
Color	Greenish yellow liquid
Odor	Petrol odor
Flash point	120 °C
Viscosity	11.0 cSt
Removability	It meets the requirement.
Corrosive properties	It meets the requirement.
Sensitivity	Level 1

★ Companion Developers

- Dry powder developer : F-5D/1
 Water-suspendable developer : F-4W-SP/1
 Non-aqueous wet developer : F-4S(NT)/1, R-1S(NT)/1

★ Companion Remover/Cleaners

- Slowly volatile type: R-1M(NT)/1, Rapidly volatile type: R-1M(NT)

● CONTAINER

- Can type: 3.8 and 18 liter can
 Aerosol type: 420ml aerosol-can
 (Only Non-aqueous wet developer and Remover/Cleaner)

● SPECIFICATION CONFORMANCE

- AMS 2644, ASTM E-165, ASTM E1417, EN-ISO 3452-2, JIS Z 2343-2,
 ASME B&PV Code, Sec.V

● HEALTH AND SAFETY

- Please, Read Safety Data Sheets before use.
 Safety Data Sheets for these products are available from EISHIN or
 your EISHIN distributor.

ASIA'S DISTRIBUTOR



MATRIX TECHNOLOGICAL SERVICES PTE LTD.

5 Soon Lee Street, #03-28 Pioneer Point,
 Singapore 627 607

Tel No: (65) 6635 4215 Website: www.matrixndtservices.com