

Zyglo Fluorescent Dye Penetrant Instructions

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 THE ZYGLO FLUORESCENT PENETRANT PROCESS STEP 5—APPLY DEVELOPER
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 MATERIAL SAFETY DATA SHEET
 ZYGLO® PENETRANT ZL-60D
 1. IDENTIFICATION Company: MAGNAFLUX
 Address: 3624 West Lake Avenue, Glenview, Illinois 60026
 Telephone No.: 847-657-5300 (Off-Hour Emergency Number - CHEMTREC - 1-800-424-9300).
 Product Use: Fluorescent inspection penetrant
 Packages: 1 and 5 gallon pails, 20 and 55 gallon drums, aerosols
 NFPA Rating: Health 1, Flammability 1 (aerosol 4 ...)
 MATERIAL SAFETY DATA SHEET - NDT Supplies
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 Fluorescent penetrant testing is the most versatile NDT process for the detection of defects

open to the surface in non-porous materials. Zyglo is synonymous with the testing of critical components, in the aerospace, automotive and ceramic industries.
 Fluorescent Penetrants
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 ZYGLO® ZL-37 SECTION 1 IDENTIFICATION OF THE SUBSTANCE / MIXTURE AND OF THE COMPANY / UNDERTAKING
 1.1 Product identifier: ZYGLO® ZL-37
 1.2 Relevant identified uses of the mixture and uses advised against: Relevant identified uses: Fluorescent penetrant used in Non Destructive Testing (NDT) inspection.
 SAFETY DATA SHEET
 This Zyglo fluorescent dye penetrant kit helps to find tiny cracks in any metal surface. The 5-step process includes precleaning, penetrant application, penetrant removal, developer application, black light inspection. Kit includes UV light, 1 can of penetrant, 1 can of developer, and 2 cans of cleaner, in a plastic case.
 ZYGLO Penetrant, Kit - 3WU64|600047 - Grainger
 Zyglo ZL-60C Fluorescent Water Washable/Solvent Removeable Apply Developer
 Spotcheck SKD-S2 Visible - Solvent Based Zyglo ZP-9F Fluorescent - Solvent Based Apply Penetrant Dwell Time 10-30 minutes
 Apply Developer Dry 50-70°C
 Zyglo ZP-5B Water Suspendible Zyglo ZP-14A Water Soluble Dry 50-70°C
 Apply Developer
 MAGNAFLUX PENETRANT PROCESS GUIDE
 Fluorescent penetrant inspection (FPI) is a type of dye penetrant inspection in which a fluorescent dye is applied to the surface of a non-porous material in order to detect defects that may compromise the integrity or quality of the part in question. FPI is noted for its low cost and simple process, and is used widely in a variety of industries.
 Fluorescent penetrant

inspection - Wikipedia
 The more repeatable the inspection, the greater the level of confidence an inspector gains. Magnaflux provides NDT-pros, engineers, and technician inspectors with chemical consumable products developed and tested to maximize process reliability in fluorescent penetrant inspection (FPI) and dye penetrant testing.
 Liquid Penetrant Testing Materials | Magnaflux
 Developed for testing rough machined surfaces, ZL-60D fluorescent water-removeable penetrant is ideal for finding indications in castings, forgings, extrusions and rough surfaces. This medium-sensitivity penetrant washes off parts quickly and easily, leaving less fluorescent background - even on rough surface - for clearer indications and better inspection reliability.
 ZL-60D - Magnaflux
 Phone: 215-322-8909 Fax : 215-322-8287. 181 Railroad Drive Ivyland, PA 18974
 Liquid Penetrant Inspection (Fluorescent) - Product ...
 The inspector will use visible light with adequate intensity (100 foot-candles is typical) for visible dye penetrant. Ultraviolet (UV-A) radiation of adequate intensity (1,000 micro-watts per centimeter squared is common), along with low ambient light levels (less than 2 foot-candles) for fluorescent penetrant examinations.
 RAMCO Equipment Fluorescent Penetrant Inspection System ...
 Zyglo® Liquid Fluorescent Penetrant Inspection Applications.
 Zyglo® is the preferred penetrant inspection method for the extremely sensitive fluorescent detection of cracks and surface discontinuities in ferrous & non-ferrous test materials. Zyglo® liquid fluorescent penetrant inspection products are formulated from high quality fluorescing dyes and solvents to provide superior

...Zyglo Fluorescent Penetrant: Water Washable, Post ...Product Data Sheet ZL-4C Water Soluble Penetrant Revised: 11/6/2002 ZYGLO® ZL-4C Water Soluble Penetrant General Description: ZL-4C is a biodegradable, fluorescent, water base penetrant. ZL-4C is soluble in water and can be diluted infinitely, but is generally used diluted as supplied or from 1:1 to 1:2 in water. ZYGLO ZL-4C Water Soluble Penetrant - BergEng.com The contrast under blacklight using fluorescent penetrant or the contrast of red dye on white developer using a visual penetrant makes the discontinuities all the more apparent. PT with Fluorescent Penetrant. Fluorescent penetrants contain dye that glows when exposed to UV blacklight—we use a ZYGLO fluorescent penetrant with Level 3 sensitivity. How Liquid Penetrant Inspection (PT) Works - PenflexZyglo® ZA-1633 Water Wash Penetrant Inspection System is a standalone 6-station inspection system designed for batch and low volume fluorescent penetrant inspection of small to medium size parts: Aerospace Fasteners, Automotive Parts, Surgical Implants, etc.. The ZA-1633 system comes with a standalone inspection booth with black light, white light and ventilating fan and a digitally ...Zyglo® ZA-1633 Method A, Water Wash Fluorescent Penetrant ...Magnaflux ZA-70 Zyglo Fluorescent Penetrant Kit. Magnaflux ZA-70 Zyglo Fluorescent Penetrant Kit Includes UV Lamp and carrying case. More Details >> ...Penetrant - Penetrant Test Kits - Magnaflux - Dye Penetrant Looking for MAGNAFLUX Dye Penetrant, Fluorescent (48K596)? Grainger's got your back. Price \$32.00. Easy online ordering for the ones who get it done along with 24/7 customer service, free technical support & more. The more repeatable the inspection, the greater the level of confidence an inspector gains. Magnaflux provides NDT-pros, engineers, and technician inspectors with chemical consumable products developed and tested to maximize process reliability in fluorescent penetrant inspection (FPI) and dye penetrant testing. [SAFETY DATA SHEET](#) Magnaflux ZA-70 Zyglo Fluorescent Penetrant Kit. Magnaflux ZA-70 Zyglo Fluorescent Penetrant Kit Includes UV Lamp and carrying case. More Details >> ... [ZYGLO ZL-4C Water Soluble Penetrant - BergEng.com](#) Fluorescent penetrant inspection (FPI) is a type of dye penetrant inspection in which a fluorescent dye is applied to the surface of a non-porous material in order to detect defects that may compromise the integrity

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