

TECHNICAL INFORMATION - TYPICAL ANALYSIS

PRODUCT CANTESCO® DYE PENETRANT INSPECTION - DEVELOPER D101 – NONAQUEOUS WET

APPLICATION D101 is a non-aqueous wet developer that provides a bright white contract background for red dye indications. Product meets ASME section V halogen and chloride content requirements. It is recommended that both ambient and substrate temperatures are between 40°F (4°C) and 125°F (52°C) for dye penetrant inspection.

COMPOSITION White developer powder suspended in solvent base. Results below are typical analysis for D101:

TEST	RESULTS	METHOD
Sulphur	<1% by weight	ASTM D-129 / D-516 (B)
Fluoride	<1% by weight	ASTM D-808 / D-1179 (B)
Chloride	<1% by weight	ASTM D-808 / D-512
Total Halogen	<1% by weight	ASME T-641

PACKAGING Ready to use format available in convenient aerosol cans and 5 gallon drums.

ITEM	CODE	SIZE	PACKAGING
D101-A	699913-10370	16 oz aerosol can	12 cans per box
D101-5G	699913-13920	5 gallon drum	Individual units

SHELF LIFE Shelf life for this product is currently five years from date of manufacture. Lot number is in human readable form (YYYYMM#####), with the last four digits being the batch number within a given month.

SDS An SDS is available for this product upon request. To receive a copy e-mail us at msds@cantesco.com and request an SDS for D101-A or D101-5G.

Q&A For answers on how to use CANTESCO® DYE PENETRANT INSPECTION materials ask for a copy of our DYE PENETRANTS INSTRUCTIONS FOR USE booklet. For a complete product listing request a copy of our WELDING PRODUCTS CATALOG. For further information visit us at www.cantesco.com. To receive a copy of ASTM test methods for halogen and chloride content (sulphur, fluoride and chloride) contact the ASTM www.astm.org.

CERTIFICATIONS Kemper System is an ISO 9001:2015 and ISO 14001:2015 registered company.



FORM:
D101-TECH.ENG

REV: 10/23.2

PLEASE NOTE: Product use and conditions of use are beyond the control of KEMPER SYSTEM AMERICA, INC. Warranty of materials is limited to test results of product performance as detailed in certificates of compliance. Interpretations of test results are the responsibility of the end-user. No other warranties, expressed or implied, are made. For further details on our terms and conditions request a copy of our form QSF 319 New Account Package.

KEMPER SYSTEM AMERICA, INC. • WELDING PRODUCTS DIVISION • WWW.CANTESCO.COM