TECHNICAL INFORMATION - TYPICAL ANALYSIS

CLEANER

PRODUCT CANTESCO® DYE PENETRANT INSPECTION - SOLVENT CLEANER C101 – STANDARD

APPLICATION C101 is a blend of non-chlorinated petroleum hydrocarbon solvents. Product meets ASME section V halogen and chloride content requirements. Solvent cleaner for removal of red dye penetrants and developer powders. Suitable for use in pre-cleaning parts prior to application of red dye penetrant, removal of penetrant after dwell time has elapsed and, final cleaning after flaws have been analysed and recorded. 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 Solvent based cleaner which meets the requirements of ASME section V halogen and chloride content. Results below are typical analysis for C101:

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	<0.004% by weight	ASTM T-641

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

ITEM	CODE	SIZE	PACKAGING
C101-A	699913-10385	16 oz aerosol can	12 per box
C101-5G	699913-13930	5 gallon drum	individual units

SHELF LIFE Shelf life for this product is 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 C101-A or C101-5G.

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.

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