

## TECHNICAL INFORMATION - TYPICAL ANALYSIS

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

**APPLICATION** Aerosol size C101-A 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-A:

| TEST          | RESULTS         | METHOD                  |
|---------------|-----------------|-------------------------|
| Sulphur       | ≤0.1% by weight | ASTM D-129 / D-516 (B)  |
| Fluoride      | ≤0.1% by weight | ASTM D-808 / D-1179 (B) |
| Chloride      | ≤0.1% by weight | ASTM D-808 / D-512      |
| Total Halogen | ≤0.1% by weight | ASME T-641              |

**PACKAGING** Ready to use format available in aerosol cans.

| ITEM   | CODE         | SIZE              | QUANTITY PER BOX |
|--------|--------------|-------------------|------------------|
| C101-A | 699913-10385 | 16 oz aerosol can | 12 cans per box  |

**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](mailto:msds@cantesco.com) and request an SDS for C101-A AEROSOL.

**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](http://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](http://www.astm.org).

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



FORM:  
C101-TECH.ENG

REV: 10/23

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.