



TECHNICAL DATA SHEET

A NEW FORCE IN CHEMICAL MANUFACTURING

AEROSOLS | WELDING CHEMICALS | ADHESIVES & THREADLOCKERS | ANTI-SEIZE & GREASES | CLEANING CHEMICALS & SOLVENTS | ELECTRICAL & ELECTRONICS

Issued: October 2018

No Clean Flux Gel/Paste

PART NUMBER

AVAILABLE SIZE

CT-NCFP-S05-PT

5cc (10g) Syringe with Dispensing Tip

CT-NCFP-S10-PT

10cc (20g) Syringe with Dispensing Tip

CT-NCFP-J100

100g Jar

PRODUCT DESCRIPTION

Chemtools® No Clean Flux Gel/Paste (NCFP) is a tacky rework flux designed to wet virtually all solderable electronic surfaces, components, assemblies, and substrates. It can be used for the general touch-up or rework of printed circuit boards, as well as for attaching spheres to ball grid array (BGA) packages.

The superior wetting ability of NCFP results in bright, smooth, and shiny solder joints, whether reflowed by hand, hot-air rework station, convection reflow oven, or vapor phase soldering systems. Residues that remain on surfaces after soldering are clear, leaving a cosmetically appealing repair that can be easily pin probed during in-circuit tests.

No Clean Flux Gel/Paste is compatible with all tin-lead and lead-free alloys and can be applied by brush or cotton swab, dispense needle, pin transfer, or stencil printing. When being used in rework, application should be limited to the area being worked.

NCFP needs to see an SMT style reflow profile to render it fully inactive.

CLEANING

May be cleaned, if necessary, with saponified water or an appropriate solvent cleaner.

PHYSICAL PROPERTIES

PARAMETER	VALUE
J-STD-004	ROLO
Acid Number	84.97mg KOH per gram flux
Viscosity	Gel-like consistency
Residues	Clear, colourless



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HANDLING & STORAGE

Do not add used paste to unused paste. Store used paste separately. Keep unused paste tightly sealed with internal plug or end cap in place. Keep away from sunlight.

NCFP has a 2-year shelf life when packaged in jars, and a 1-year shelf life when packaged in syringes.

LOCATION	SHELF LIFE	TEMPERATURE
Refrigerated	12 – 24 Months (depending on packaging)	4°C to 12°C
Unrefrigerated	6 – 12 Months (depending on packaging)	Room Temperature (< 25°C)

SAFETY

Use with adequate ventilation. Use proper Personal Protective Equipment (PPE). Refer to Safety Data Sheet (SDS) before use. Do not dispose of hazardous materials in non-approved containers.

DISCLAIMER

Chemtools® has made every effort to ensure the information provided in this Technical Data Sheet is accurate at the time of publication. Chemtools® expressly recommends that the user make his/her own assessment to determine the suitability of the product for its intended purpose prior to application. Chemtools shall not be responsible for loss, damage, or injury, resulting from the reliance upon, or failure to adhere to, any recommendations or information contained herein; nor from abnormal use of the material; nor from any hazard inherent in the nature of the material.

FURTHER INFORMATION

Please visit Chemtools® online at www.chemtools.com.au for product photos, marketing materials, Technical Data Sheets, Safety Data Sheets, contact details, and other company/business related information.