

PRODUCT DATA SHEET

Indium C-1 Conditioner

Benefits

- Maintains high yields when dispensing.
- Prevents inconsistent dispense volumes and clogging due to solder paste drying out in dispensing equipment and tips.
- Allows easy equipment cleaning and maintenance to ensure long dispensing valve and tip life.
- Compatible with all of Indium's dispensable solder paste and TACflux products.
- Residual conditioner will not effect subsequent dispensing and reflow process.

Equipment Start-up

1. Remove the syringe of C-1 Conditioner and replace with a syringe of solder paste.
2. Cycle the system until a uniform output of solder paste is observed.
3. C-1 Conditioner should be used when the dispensing equipment will remain idle for 8 hours or more.

Cleaning

C-1 Conditioner can be cleaned with hot water and detergent or saponified water if necessary.

Packaging

Available in standard 5cc, 10cc and 30cc syringes.

Safety

Read MSDS before using. Avoid accidental ingestion or contact with eyes. Wash hands thoroughly after use. Gloves are recommended when handling solder paste or flux products.

Safety Data Sheets

The SDS for this product can be found online at <http://www.indium.com/sds>

Introduction

C-1 Conditioner is a benign purging compound designed for use with solder paste and flux dispensing valves. It is a vital part of a proper maintenance program to ensure high dispensing yields and consistent volume deposition. Regular use of **C-1 Conditioner** will prevent solder paste from building up and drying out in dispensing valves and needle tips. Hours will be saved as frequent disassembly for cleaning can be eliminated.

Process Recommendations

Valve Purging

1. Remove the syringe of solder paste from the dispense valve and place cap on unused material. Store syringe of solder paste tip down.
2. Remove cap from the syringe of C-1 Conditioner and thread onto dispense valve.
3. Cycle system until all remaining solder paste is purged from dispensing valve and needle tip. Process is complete when C-1 Conditioner flows freely from tip and is the color of material is the similar to that in the syringe.
4. Power down equipment leaving the syringe of C-1 Conditioner in place.

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