



EIE Enterprise (M) Sdn. Bhd. (944691-T)

EIE 920 Solder Dross Remover (For Tin-lead and Lead-free solder alloy recovery)

GENERAL INFORMATION

During wave soldering operation, powdery and mushy like solder dross are formed due to oxidation. The amount of dross generated will depend on the air and molten solder contact time and how much agitation/abrasion of moving parts of the pump. If this dross is not removed and when the layer becomes too thick, it may be pulled down by the solder pump and pump-up as solder wave. This may cause dross inclusion in soldered joints.

To avoid dross inclusion, the normal procedure has been to periodically scrap off the dross with a spoon to keep the molten solder surface clean. However, such practice is not economical as the removing of dross always mixed good solder along with the oxides.

In view of this, Sirtek has developed a powder type of Dross-converter. The product provides an economical and effective mean to minimize dross formation and solder usage loss. This highly heat stable, chloride-free non-combustible inorganic white powder will react with solder dross chemically to convert dross to good solder. It also inhibits further dross formation when used continuously on the solder pot.

ADVANTAGES

- 920 Solder Dross Remover is a white powdery substance convenient to apply it onto the solder pot. Easy for machine maintenance.
- It doesn't fume and it is non-combustible
- Very effective in reducing solder dross formation by chemical reaction. An average of 60-80% saving of good solder can be assured.

APPLICATION PROCEDURES

- 920 Solder Dross Remover is designed to be used during solder-pot cleaning maintenance to convert dross-oxide/solder-sludge chemically to good solder.
- Skimmed and moved all dross oxides to one corner of the pot.
- Sprinkle 920 Solder Dross Remover onto the accumulated dross tops (a thin covering layer). Slowly mix the dross-converter with the dross with a metallic ladle or spatula. Allow about (10 – 20) sec. after mixing for the dross-converter to convert the dross back to good solder. When the conversion is done, remove the left behind carbonized dirt residues with a metallic dross scoop.
- When all residues are cleared, the clean surface solder-pot is ready for production.
- Repeat the above sequence again during periodic machine maintenance (tea-break/lunch hour).

BASIC PROPERTIES

Appearance	Powdery White
Density	1.78gm/cc
Flash Point	None
Shelf Life	2 Years

HEALTH AND SAFETY

This Anti-Oxidant is a salt that may cause skin irritation to some individual. Direct contact and continuous exposure shall be avoided. Protective gloves and goggles shall be worn during handling to avoid skin and eye contact. In the case of direct contact, always rinse or wash the affected area with plenty of water.

PACKAGING

5 , 10 /kg