Dross-X Powder

Introduction

Dross-X powder is formulated to eliminate excess dross on a solder pot. Dross-X powder chemically reduces solder oxides back into pure metals. It is non-fuming, stable at high temperatures, and is non-flammable.

Attributes

- Easy to apply.
- Low fuming.
- No oily residues.
- Non-corrosive and non-flammable.
- Saves money by reducing the replenishment of solder.

Dross-X Packaging	Net Weight
Jar	1 lb
Pail	10 lbs

Compatible Products

SN100C solder alloys.

Storage and Handling

- Shelf life is 5 years when stored between 50 to 90 °F (10 and 32 °C) in a standard warehouse or office environment.
- Store inside of the original packaging to prevent contamination from dust or moisture.

Application

1. Set the solder temperature to 250 - 280 °C (480 - 540 °F). Turn off the pump and turn on the exhaust.
2. Apply a thin (approximately 1/8 inch) layer of Dross-X powder to the dross surface.
3. Gently work the Dross-X powder into the dross using a spatula and be careful not to splash the molten solder. Use a chopping motion to work the powder into the dross.
4. Allow the Dross-X powder to react chemically with the dross for at least 5 minutes. Longer contact times increase the amount of dross reduced back into pure solder.
5. Gently remove the remaining dross and allow for good drainage of pure solder out of the dross. There should be no visible Dross-X powder in the dross being removed.

Safety

Wear appropriate gloves and safety glasses or a face shield. Ensure that the exhaust system is on and avoid breathing fumes. Inhalation may cause irritation of the nose, throat and lungs. Contact with the eyes may cause severe irritation or damage. Follow the guidelines in the Safety Data Sheet (SDS).

Properties	Values
Melting point	Sublimes above 240 °C
Flash point	None
Auto-ignition point	None
Solubility in water	21% (25 °C). 99% (100 °C)
Solubility in solvents	Insoluble
Heavy metals	< 0.05%
Sulfates	< 50 ppm
Appearance	White powder