



TECHNICAL DATA SHEET

A NEW FORCE IN CHEMICAL MANUFACTURING

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

Issued: December 2018

Dross Reducing Powder

PART NUMBER	AVAILABLE SIZE
CT-DRP-200G	200g Jar
CT-DRP-1KG	1Kg Jar

PRODUCT DESCRIPTION

Chemtools® Dross Reducing Powder is a white, inorganic powder which removes oxides from the solder surface, cleaning it to allow regeneration of usable metal and decreasing the amount of dross for disposal. It extends the use of solder by encapsulating metal oxides and is recommended for tin/lead solder pot temperatures of 235°C through to 260°C.

Dross Reducing Powder reduces dross in solder pots and can be used in wave soldering and still solder baths. It contains no fatty acids or mineral oils, and no chlorides, ensuring no interference with board or component cleanliness.

APPLICATION

Move the dross to one area of the solder pot.

Apply a layer approx. 3mm thick on top of the dross.

Introduce Dross Reducing Powder into the dross, mixing thoroughly until the solder is separated from the metal oxides.

Remove the oxides and other non-metallic residues from the solder pot.

Quantity Required vs Working Time

The amount of Dross Reducing Powder needed and the time necessary to perform its function will vary, depending on the following factors:

- Solder temperature
- Solder pot surface area
- Solder composition



TECHNICAL DATA SHEET

A NEW FORCE IN CHEMICAL MANUFACTURING

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

TECHNICAL DATA

PHYSICAL PROPERTIES:

Form	Powder
Colour	White
Volatile Content	Less than 0.5%
Specific Gravity	1.95
Chloride Content	None
Oil/Fat Content	None
Lower Explosion Limit	Not Applicable
Flash Point	Not Applicable
Shelf Life	2 Years from date of manufacture

STORAGE

Keep container tightly closed. Store away from heat, moisture, and water to maintain shelf life.

FIRST AID & SAFETY PRECAUTIONS

Dross Reducing Powder contains inorganic fluorides and should be handled with care using the normal precautions taken when working with chemical products.

Please refer to Safety Data Sheet (SDS) before use. Use with adequate ventilation and avoid breathing fumes. Avoid contact with eyes and skin. This product may produce adverse health conditions, ranging from minor skin irritation to serious systemic effects. It should not be used, stored, or transported until the handling precautions and recommendations as stated in the Safety Data Sheet (SDS) for this product have been fully understood by all persons who will work with the material.

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.