



## A NEW FORCE IN CHEMICAL MANUFACTURING

Unit 2, 14-16 Lee Holm Road  
St Marys NSW 2760  
Australia

Ph: 1300 738 250 (Australia)  
Ph: +61 2 9833 9766 (International)  
Fax: 02 9623 3670

sales@chemtools.com.au  
www.chemtools.com.au

# TECHNICAL DATA SHEET

OCTOBER 2014

## PRODUCT NAME

CT-CG Cold-Gal

## PRODUCT RANGE

Part Number	Available Size
CT-CG-400	400g Aerosol
CT-CG-1L	1 Litre
CT-CG-4L	4 Litres



Refer to MSDS for product safety guidelines

## CT-CG Cold-Gal

Chemtools® Cold-Gal is a zinc rich metallic spray that has a matt finish. It prevents rust and corrosion caused by welding and exposure to the elements through its unique blend of 99% purity zinc dust in a heavy duty epoxy resin formulation.

The product chemically bonds with the underlying iron and steel, and fuses with the base metal to provide cathodic protection. This prevents rust from developing under the layer.

Chemtools® Cold-Gal can be used as a primer for most paints and is available in aerosol packs and bulk sizes. It is ideal for welds and damaged galvanising, tank exteriors, steel structures, fencing, ducting, etc.

### PHYSICAL PROPERTIES:

Colour:	Matt Grey
Pigment:	99% Pure Zinc Dust
Zinc Content:	88% by weight in dry film
Specification:	Exceeds ASTM-A780 for corrosion protection
Recommended Film Thickness:	40µm (1.6 thou)
Application Conditions:	Temperature 5°C to 50°C, Humidity 85%, RH Max
Recoat Time:	30 - 60 minutes
Touch Dry:	5 minutes (Temperature Dependant)
Heat Resistance:	Up to 100°C
VOC Content:	35%

### APPLICATION:

The surface must be dry, clean, and free of all rust, scale, fluxes and dirt. Remove any existing rust by grinding or wire brushing to bright metal. Do not use acidic rust converters or removers.

**Aerosol:** Shake can for at least 1 minute after the internal ball rattles, and periodically during use. Spray in smooth strokes about 25 cm from the surface, keeping the can vertical. Apply two light coats rather than one heavy coat which may sag. Invert the can and spray to clear the nozzle after use.

**Bulk:** Stir thoroughly for 5 minutes using a flat stirrer with a circular, lifting motion before and during use. Apply two coats for optimum protection by brush, roller or spray equipment.

**SAFETY:**

- Flammable
- Containers must be secured and stored upright during transit
- Containers must not be exposed to excessive heat or left in vehicles
- Provide adequate ventilation during use
- Avoid contact with skin and eyes
- For more information consult the Material Safety Data Sheet for this product

**PRECAUTIONS:**

This product is capable of producing adverse health effects ranging from minor skin irritation to serious systemic effects. None of these materials should be used, stored, or transported until the handling precautions and recommendations as stated in the Material Safety Data Sheets (MSDS) for this and all other products being used are understood by all persons who will work with the material.

**WARRANTY:**

All products purchased from or supplied by Chemtools® are subject to terms and conditions set out in the contract. Chemtools® warrants only that its products meet the specifications designated as such herein, or in other publications. All other information supplied by Chemtools® is considered accurate, but is furnished upon the express condition. The customer shall make its own assessment to determine the products suitability for a particular purpose. Chemtools® makes no other warranty, either expressed or implied, including those regarding such other information, the data upon which the same is based, or the results to be obtained from the use thereof; that any product shall be merchantable or fit for any particular purpose; or that the use of such other information or products will not infringe any patent.