



A NEW FORCE IN CHEMICAL MANUFACTURING

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TECHNICAL DATA SHEET

NOVEMBER 2016

PRODUCT NAME

CT-GMCG GalMax™ 93 Cold Galvanising Spray

PRODUCT RANGE

Part Number	Available Size
CT-GMCG-500	500g Aerosol



Refer to SDS for product safety guidelines

CT-GMCG GalMax™ 93 Gold Galvanising Spray

Chemtools® GalMax™ 93 Cold Galvanising Spray is a weld through zinc-rich coating containing 93% zinc in dry film which protects clean steel in the same manner as hot dip galvanising, ie, by cathodic reaction.

GalMax™ 93 passes the tough ASTM B117-07, 168 hour salt spray test with no defects. It gives exceptional long term protection against rust and corrosion, and weathers to the same colour as normal galvanising.

As a weld through zinc-rich primer with 99% zinc purity, it is ideally suited for touch-up welds and damaged structures or components.

FEATURES AND BENEFITS:

- Passes 168 hours salt spray test without failure
- Long term galvanic corrosion protection
- Meets ASTM A780 Specifications for touch up and repair of Hot Dip Galvanized surfaces
- Long term protection against salt corrosion

APPLICATION METHODS:

GalMax™ 93 should be used on new metals with a dry surface clean and free of all rust, scale, fluxes, and dirt. It is recommended to use Chemtools® PrepSolv for cleaning and degreasing the surface prior to painting.

Aerosol: Shake can for at least 1 minute after the internal ball rattles and periodically during use. Spray in smooth strokes about 25cm 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.

PHYSICAL PROPERTIES:

Colour:	Flat, Light Grey
Pigment:	Per ASTM D520, Type 1 97% Zinc Dust
Dry Film:	93% Zinc in Dry Film
Recommended Film Thickness:	40µm (1.6thou)
Coverage:	Aerosol: 400g 2.5m ² or 1 Litre: 7m ²

Application Conditions:	5°C to 50°C
Humidity:	80% RH max
Re-coat Time:	30 – 60 mins
Touch Dry:	5 mins (temperature dependant)
Heat Resistance:	Up to 250°C
Specific Gravity @ 20°C	0.66
VOC Content:	50%

SAFETY:

Avoid breathing any fumes, mists and vapours. Use of approved breathing apparatus is required for more than minimal exposure. Always work in areas with adequate ventilation to allow solvent fumes to dissipate. The use of goggles and rubber gloves is required. If the material gets into the eyes, flush thoroughly with clear water for fifteen minutes, then seek medical treatment. Avoid skin contact. Material may cause irritation to sensitive individuals. Always wash exposed areas immediately, using warm water and soap, followed by rinsing with clean water. Observe all safety precautions. It is important when using solvent based materials or solvents to keep away from open flames or ignition source.

STORAGE:

Store in a cool, dry place in tightly closed original containers, at a room temperature between 5°C to 30°C. Do not place in direct sunlight or near any heat source. Do not return any used material to its original container.

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 Safety Data Sheets (SDS) 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.