



TECHNICAL DATA SHEET

A NEW FORCE IN CHEMICAL MANUFACTURING

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

Issued: May 2018

GalMax™ 90 Cold Galvanising Paint

PART NUMBER	AVAILABLE SIZE
CT-CG-400	400g Aerosol
CT-CGB-1L	1L Tin
CT-CGB-4L	4L Tin

PRODUCT DESCRIPTION

Chemtools® GalMax™ 90 Cold Galvanising Paint is a zinc primer coating designed to protect welds and clean steel in the same manner as hot dip galvanising, ie, by cathodic reaction. Its zinc loaded matt finish offers exceptional protection against rust and corrosion, and when top coated with *GalMax™ SG Silver 3-in-1 Galvanising Paint*, becomes indistinguishable to normal weathered galvanising.

With 99% zinc purity, GalMax™ 90 is ideally suited for touch-up welds and damaged structures or components.

Common uses include rust proofing welds and metal fabrication.

DIRECTIONS (READ LABEL BEFORE USE)

Ensure surfaces are clean, dry, and free from scale and rust. Old finishes must be thoroughly wire brushed and/or sanded and degreased. Do not paint over loose or unsound surfaces. Surface preparation is very important.

AEROSOL: Invert the can and shake well for at least one minute after the mixing ball rattles, and shake often during use. Hold the can upright and angle the fan jet for a horizontal or vertical pattern. Apply in even sweeping strokes approximately 250mm to 300mm from the surface. Apply several light coats a few minutes apart rather than one heavy coat. After spraying, invert the can and press the nozzle to clear the jet. If blocked, use fuse wire and mineral turps to clean the nozzle.

BULK: Before use, stir thoroughly for approximately 5 minutes using a flat stirrer with a circular, lifting motion. Stir often during use. Apply two coats for optimum protection by brush, roller, or spray equipment.

Do not paint at temperatures below 15°C or above 40°C. Avoid high humidity.



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Specifications

Colour	Matt Grey	Zinc in Dry Film	88% - 90%	Pigment	99% Pure Zinc Dust
Recommended Film Thickness	40µm (1.6 thou)	VOC Content	35%	Heat Resistance	Up to 100 °C
Corrosion Protection	Yes - exceeds specifications for ASTM-A780				

Application Conditions

Temperature 15°C to 40°C

Humidity 85% RH Max

Drying and Coating

Touch dry* 10 minutes

Re-Coat/Top Coat* 8 hours

Top Coat Required Yes

Re-Coat with Water-Based Paints Yes

Re-Coat with Solvent-Based Paints Yes

* Times are dependent upon temperature and weather conditions

Coverage

Aerosol	2.5m ² per 400g can	Brush	7m ² per litre
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Compatibility/Suitability

Duragal [®]	Zincalume [®]	Colourbond [®]	Aluminium	Copper
NO	NO	NO	NO	NO
Iron	Steel	Wrought Iron	Stainless Steel	Galvanised Steel
YES	YES	YES	NO	YES



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FIRST AID & SAFETY PRECAUTIONS

Please refer to Safety Data Sheet (SDS) before use. Use proper Personal Protection Equipment. Do not get in eyes, on skin, or on clothing. Use with adequate ventilation. Avoid breathing fumes. Keep away from heat, sparks, open flames, and hot surfaces. 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.

STORAGE

Keep out of reach of children. Keep container tightly closed. Protect from sunlight. Do not expose to temperatures exceeding 50°C/122°F. Containers must be secured and stored upright during transit.

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.