

GTC Paints Company Ltd.

P.O. Box: 24445 Safat - 13105 - Kuwait
Sabhan Tel.: 24710120 - Fax : 24761261
Shuwaikh Tel.: 24848285 - Fax : 24837138
Capital : K.D. 1,000,000 - C.R.: 20117



شركة أصباغ جي تي سي المحدودة

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* * GETOXY (GEZ400 / GEC055) * *

* ZINC CHROMATE EPOXY PRIMER *

PRODUCT DESCRIPTION:

A distinctive quality two-pack *Heavy Duty Zinc Chromate Epoxy Primer* suitable for application over metal surfaces for new construction and/or maintenance & repair projects.

SPECIAL FEATURES:

- ☐ Excellent adhesion on metals surfaces
- ☐ A tough and smooth hard wearing film.
- ☐ Especially designed for application over galvanized steel where a two pack epoxy/polyurethane finish is required.
- ☐ Resistant to abrasion and mechanical damage.
- ☐ Light yellow colour, providing a minimized number of heavy duty top coats.
- ☐ Outstanding resistance to corrosive environment.

AREA OF USES:

As an Anti-corrosive Primer over Internally/Externally exposed structural steel, non-ferrous metals and galvanized steel. i.e.

- ☐ Tank Exterior
- ☐ Petrochemical Plants
- ☐ Steel Structure in refineries & power plants
- ☐ Pipeline external surfaces
- ☐ High voltage transmission towers and galvanized street lighting poles.
- ☐ Equipments and metal structure exposed to sea and severely corrosive environments.

PRODUCT DATA:

FINISH : **MATT**

COLOUR : Yellow

VOLUME SOLIDS : 45 %

PRODUCT WEIGHT : 1.5 kg/ltr.

Wet : 110 microns per coat (approx. 4.3 mils)

REC. FILM THICKNESS : Dry : 50 microns per coat (approx. 2 mils)

THEO. COVERAGE : **9 m²/ltr.**

Practical coverage primarily depends upon nature of surface profile, method of application and site conditions.

MIXING RATIO : Base : Curing Agent
4 : 1 (by volume)

POT LIFE :

Ambient Temperature	10 °C	25 °C	40 °C
	50 °F	77 °F	103 °F
No. of Hours	12 hrs.	8 hrs.	3 hrs.

FLASH POINT :

Base : 23 °C (73 °F)
Curing Agent : 23 °C (73 °F)
Mixed : 23 °C (73 °F)

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DRYING TIME:

SUBSTRATE TEMPERATURE	TOUCH DRY	HARD DRY	FULL CURE TIME	OVERCOATING INTERVALS	
				MINIMUM	MAXIMUM
10 °C (50 °F)	4 hrs.	24 hrs.	10 days	24 hrs.	IND.
25 °C (77 °F)	3 hrs.	20 hrs.	1 week	16 hrs.	IND.
40 °C (103 °F)	2 hrs.	18 hrs.	5 days	12 hrs.	IND.

STANDARDS & APPROVALS:

Supportive information is available upon request to establish an assessment to be acquired as with regards to product's compliance with/to a particular authority's queries / specifications. **Please consult with GTC Technical Service Dept.**

SURFACE PREPARATION:

1. Degrease areas where grease, oil, soil and surface contamination exist in accordance with **SSPC-SP1 Solvent Cleaning**. (Use **GTC002 Thinner**).
2. Structural steel should be blast cleaned in accordance with **SSPC-SP10 Standard (SA2½ Swedish Standard)**.
3. Surface defects revealed upon completion of blasting procedure should be treated as per individual situation (filling, grinding, replacement, patching . . . etc.).
4. If oxidation is experienced after blasting, it is recommended to re-blast to the mentioned standard.
5. Surfaces to be coated must be dry, clean and contamination free prior to paint and application process.

APPLICATION DETAILS:

☐ PURPOSE OF USAGE:

Intended for a **single coat application** over well prepared steel surfaces, (**Ferrous / Non-ferrous / Galvanized**).

☐ MIXING & THINNING:

Material must be properly mixed and is recommended for thinning with **GTC099 Thinner** as per below table:-

Application Method	Brush/ Roller	Conv. Spray	Airless Spray
Thinning by Vol (% Max.)	10 %	20%	5 %

☐ NOTES:

- ☐ For maximum performance, curing temperatures should be above 10 °C (50 °F) since material will not adequately cure below 5 °C (41 °F).
- ☐ Two pack epoxies are commonly known to chalk upon external exposure.
- ☐ It is not recommended to apply two pack epoxy material over 50 °C (122 °F)

☐ CLEANING:

For cleaning tools and equipments use **GTC099 Thinner**.

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APPLICATION CONDITIONS :-

At a temperature ranging 5°C (41°F) to 40°C (104 °F) . Relative humidity is below 75%.

STORAGE & HANDLING :-

Product must be stored as per local regulations and should be kept in dry well ventilated location far from heat and direct sunlight. Can should be tightly closed after use. Mix well before use. Storage temperature range between 5°C (41°F) to 40°C (104 °F).

SAFETY PRECAUTIONS:

The following notes should be considered when using/applying painting material:-

- Take precautions to prevent material entering the eyes (goggles should be worn, irrigate the eyes with water when become contaminated and obtain medical care at once).
- Take precautions to avoid skin contact (gloves should be worn, barrier cream should be used).
- Ensure that repeated contact of paint with skin is avoided.
- Provide adequate ventilation. (Face masks must be worn).
- Keep away from sparks and open flames (for solvent-based materials).

DISCLAIMER:

- ◆ The information given in this data sheet is for guidance only and is done to the best of our knowledge at the date of printing/issuing.
- ◆ GTC reserves the right to change the content of this data without any prior notice.
- ◆ Since we have no control over either the nature or condition of the substrate or different factors which effect the use and application of our products; therefore, no liability can be accepted on basis of this data sheet, unless we specifically agree in writing as to the suitability of the recommended product for the intended purpose; and furthermore, application of this product should be carried out under our control and direct supervision.
- ◆ Product data are subject to change without notice and become void five years from the date of issue.

PACKING : ☐ 3.6 Ltr Tins (Base + Curing Agent)
☐ 18 Ltr Tins (Base + Curing Agent)

ISSUANCE DATE : August 2017 .
ORIGIN : Manufacture in Kuwait By GTC Paints Company Ltd.
ADDRESS : **GTC PAINTS COMPANY LTD.**
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