

## 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

ص.ب: 24445 الصفاة - 13105 - الكويت  
صباحان - تلفون: 24710120 - فاكس: 24761261  
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رأس المال: 1,000,000 د.ك - س.ت: 20117

### \* SILICON WATER REPELLENT \* \*

#### **PRODUCT DESCRIPTION:**

A single compound, solvent-based and a **clear coating / sealing material** designed for application over porous surfaces; demonstrating a high degree of repellancy against potential water & moisture attack.

#### **SPECIAL FEATURES:**

- ☐ Ready for use; providing deep penetration.
- ☐ Does not change original shape of allocated / coated substrates & surfaces.
- ☐ Protects masonry and concrete substrates exposed to aggressive environmental conditions.
- ☐ Does not support mould & fungal growth / attack.
- ☐ Provides simple / easy washing to dust and deposits hanging onto treated substrates.
- ☐ Provides a long lasting and durable film against water and moisture penetration.
- ☐ Does not plug pores in masonry surfaces.
- ☐ Allows concrete and masonry to breath without affecting adhesion characteristics.
- ☐ Does not allow evaporated moisture to penetrate through the applied film.
- ☐ Converts absorption properties of porous surfaces into a modified surface energy; eliminating water from spreading across treated substrate, and rather to form in a drop- like and easy to slide, remove or washed away drop.
- ☐ Treated surfaces can be overcoated with conventional paint coatings.

#### **AREA OF USES:**

*As a protective and sealing film over Interior / Exterior porous surfaces including but not limited to a variety of surfaces / substrates i.e.,*

- |  |  |   |
|--|--|---|
| <input type="checkbox"/> Concrete & Cement | <input type="checkbox"/> Masonry         | <input type="checkbox"/> Plastered Surfaces |
| <input type="checkbox"/> Bricks            | <input type="checkbox"/> Stone           | <input type="checkbox"/> Gypsum Boards      |
| <input type="checkbox"/> GRC Blocks        | <input type="checkbox"/> Wooden Surfaces | <input type="checkbox"/> Asbestos           |

#### **PRODUCT DATA:**

FINISH	:	<b>CLEAR SOLUTION</b>
COLOUR	:	Non Staining, Transparent
PRODUCT WEIGHT	:	0.77 kg/ltr. [ Asbestos / Cement : 0.05-0.15 ltr/m <sup>2</sup> ]
THEO. COVERAGE	:	[ Masonry / Concrete : 0.15-0.25 ltr/m <sup>2</sup> ] [ Rough Cast : 0.50-0.80 ltr/m <sup>2</sup> ] [ Aerated Concrete : 0.50-1.00 ltr/m <sup>2</sup> ]
POT LIFE	:	Not Applicable (Single Pack Material)
FLASH POINT	:	Above 35 °C (95 °F)

#### **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.**

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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).

## SURFACE PREPARATION:

Surfaces to receive silicone material should be dry, clean and dust / contamination free prior to material application process.

## APPLICATION DETAILS:

### ☐ PURPOSE OF USAGE:

Intended for a **single application coat** by brush, spraying equipment or through dipping process up to saturation point to enable excellent impregnation properties; **yet a second coat application** could be required over surfaces exhibiting high absorptive tendencies.

### ☐ MIXING AND THINNING:

Material should be mixed before use, but **thinning is not recommended**.

### ☐ NOTE:

For second coat application of Silicone Material, it is recommended to apply it as soon as first coat is absorbed by the substrate and before it is dried/set.

### ☐ CLEANING: For cleaning tools, equipments and machinery use **GTC002 Thinner**.

## SAFETY PRECAUTIONS:

The following notes should be considered when using/applying 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 flame (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 affect 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 from us 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 :**  
5 ltr. Gallons  
20 ltr. Jerry Cans  
200 ltr. Barrels

**ISSUANCE DATE :** August 2017

**ORIGIN :** Manufacture in Kuwait By GTC Paints Company Ltd.

**ADDRESS :** **GTC PAINTS COMPANY LTD.**

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