

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 جى تى سى المحدودة

ص.ب: 24445 الصفاة - 13105 - الكويت
صباحان - تلفون: 24710120 - فاكس: 24761261
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GENAL

Wood Working Adhesive

PRODUCT DESCRIPTION :-

Genal is a specially formulated PVA single component wood adhesive which is used in manufacturing a wide range of furniture, prefabricated wooden house assemblies.

SPECIAL FEATURES :-

Genal provides good bond strength between wooden surfaces. The dry adhesive film will not damage or contaminate wood working tools and the bond line will accept wood stains so that high quality finish can be obtained.

AREA OF USES :-

It is used to fix dowelling, suitable for bonding wood veneers and plastic laminate to wood chip board, hard and block boards.

PRODUCT DATA :-

Appearance	:	Milky White, dries to opaque/colourless film.
Consistency	:	Genal is supplied as thick cream which is suitable for applications by brush, roller or mechanical spreader. Genal can be diluted with water up to 30% (depends upon applications).
Odour	:	Slight odour when liquid, but is odourless once dry.
Flash Point	:	Non-Flammable (water base product) .
Bond Strength	:	Average load required to shear wood/wood joints was 4000 N .
Coverage	:	15 SQ MT/LTR approx.depends upon surface, method of application and film thickness.

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 DETAILS :-

Surface Preparation :

All surfaces must be clean, dry and free from dust or Loose materials. Surface of Non-Oily wood to be bonded should be Smooth and finished so that they fit closely together.

Application of Adhesive :

An even film of the adhesive is brushed or roller coated on to one of the surfaces to be bonded.

Assembly :

The parts should be assembled while the adhesive is still wet, the speed at which the adhesive will dry depends upon the porosity and moisture content of Wood, temperature and humidity in the working place when the parts have been assembled a pressure should be applied to the bond while the adhesive sets.

When decorative laminate is being bonded to wood, chip board, block board etc. Adhesive is applied to the rigid surface and the laminate is positioned.

It must then be loaded into a press and positive pressure must be applied until the adhesive has set.

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 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 one).
- 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 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

- ♦ Can (0.75 kg) .
- ♦ Gallon (3 kg).
- ♦ Drum (18 kg).

ISSUANCE DATE

: August 2017

ORIGIN

: Manufacture in Kuwait By GTC Paints Company Ltd.

ADDRESS

: **GTC PAINTS COMPANY LTD.**

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