



LOCTITE GT205 PURBOND

Formerly known as
PURBOND GT205®

December 2014

CURATIVE COMPONENT – LOCTITE® GT205 Purbond

Appearance: Yellow/Brown liquid
Viscosity: Approx. 75 mPa.s @ 22°C
Specific Gravity: Approx. 1.2 (Water=1)

SUGGESTED USES

Curative for LOCTITE® GT products.

CERTIFICATIONS AND REGISTRATIONS

LOCTITE® GT205 curative with LOCTITE® GT20 (15:100 ratio) has passed third party accredited testing of the following test standards:

ASTM D2559 (Strength, delamination, & creep resistance)
ASTM D1151 (Exposure No. 3; Vacuum-soak-freeze)
ASTM D1183 (Condition D; Ocean water soak)
ASTM D7247 (High temperature exposure)
CSA O112.9 (Strength, delamination, & creep resistance)
ASTM E119 (ALSC Method A finger jointed stud fire wall)
CSA O177-06 A.2 (Small Scale Flame Test)

OPERATING CONDITIONS

Refer to the technical data sheet for the LOCTITE® GT base component you intend to use for recommendations about mixing, application, and proper use for bonding wood assemblies.

STORAGE, HANDLING AND PRECAUTIONS

Once the drum has been opened, care should be taken to exclude moisture. The most favorable temperature for storage is 20-35°C. If stored at higher temperatures, or if moisture is not excluded, an undesirable increase in viscosity will occur. Below 0°C crystallization may occur. The shelf life is six months if the temperature is maintained at 20-35°C and moisture is excluded.

This product is an organic isocyanate. Product can cause eye irritation as well as skin and respiratory sensitization. Rotate stock using oldest material first. Keep covered to prevent contamination. Do not mix with other adhesives. Prevent contact with skin. Use only with adequate ventilation. Do not expose to the atmosphere or otherwise contaminate with moisture. Keep away from heat sources as high temperature exposure can cause release of toxic fumes. In order to prevent reaction with moisture in ambient air, dessicant tubes (part#40451) can be purchased at: W.A. Hammond Drierite Company, Xena, Ohio, USA, (937) 376-2927. Shelf Life: for best results, use within 6 months from date of shipment.

ENVIRONMENTAL IMPACT

Product will react with atmospheric moisture. Check with local municipality before sending empty containers containing residual product to landfill. Leachate tests may be required. Alternatively dispose of empty drums through a registered waste disposal company. Every effort should be made to use all of the material supplied in order to minimize waste. Your Henkel representative can suggest methods to minimize adhesive usage to reduce impact on waste disposal and recycling streams.

Note

The data contained herein are furnished for information only and are believed to be reliable. We cannot assume responsibility for the results obtained by others over whose methods we have no control. It is the user's responsibility to determine suitability for the user's purpose of any production methods mentioned herein and to adopt such precautions as may be advisable for the protection of property and of persons against any hazards that may be involved in the handling and use thereof. In light of the foregoing, **Henkel Corporation specifically disclaims all warranties expressed or implied, including warranties of merchantability or fitness for a particular purpose, arising from sale or use of Henkel Corporation's products. Henkel Corporation specifically disclaims any liability for consequential or incidental damages of any kind, including lost profits.** The discussion herein of various processes or compositions is not to be interpreted as representation that they are free from domination of patents owned by others or as a license under any Henkel Corporation patents that may cover such processes or compositions. We recommend that each prospective user test his proposed application before repetitive use, using this data as a guide. This product may be covered by one or more United States or foreign patents or patent applications.

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