

COMPOTOOL CTS101 Stage 1 Sealer Technical Datasheet

The COMPOTOOL CTS101 Sealer is a two component solvent based product. It fills the large surface pores, sealing the Compotool board. The COMPOTOOL CTS101 Stage 1 Sealer is intended to be used COMPOTOOL CTS202 Stage 2 Sealer.



Key Features:

- High temperature resistance
- Non-contaminating
- Easy and quick application
- Durable surface

Technical Information:

Properties	CTS101 Stage 1 Sealer Part A	CTH901 Stage 1 Sealer Hardener Part B
Appearance	Blue liquid	Clear liquid
Odour	Faint	
Flash Point	10°C (50°F)	
Solvents	Xylene	
Estimated Coverage Mixed	3m ² per litre (32 ft ² per US Quart)	
Dry Film Thickness	Approximately 5 Micron per coat	
Shelf Life	12 Months	
Maximum Use Temperature	250°C (480°F)	
Supply	2L (2US Quarts) Kit (2 x 1L (1US Quarts) Containers)	
Mixing Ratio by Weight	1 to 1 (Example i.e 1kg or 2.2lb of Part A with 1kg or 2.2lb of Part B by weight)	

Storage:

- Keep sealed when not in use
- Keep away from sources of ignition
- Store in a cool dry place and protected from frost

Process:

1. Apply COMPOTOOL CTD003 Densifier according to the data sheet.
2. Thoroughly shake each component of the COMPOTOOL CTS101 Sealer before opening. Combine the two components 1 to 1 by weight and mix thoroughly.
3. After mixing Part A and Part B together thoroughly, the COMPOTOOL CTS101 Sealer is ready to be applied.
4. Wipe 2 to 3 medium to dry coats of COMPOTOOL CTS101 Sealer over the surface with a lint free cloth leaving 15mins at room temperature (20°C/68°F) between coats. Elevated temperatures will reduce time. Do not exceed 150°C/300°F at this stage.
5. After applying the last coat allow the sealer to dry for 3 hours at room temperature (20°C/68°F). Elevated temperatures will reduce time. Do not exceed 150°C/300°F at this stage.
6. After the COMPOTOOL CTS101 Sealer has thoroughly dried, start applying the COMPOTOOL CTS202 Sealer. See COMPOTOOL CTS202 data sheet for details.

Notes

1. Application of COMPOTOOL products should be performed in a well-ventilated area. The COMPOTOOL board must be clean and dry before use.
2. COMPOTOOL CTS101 Sealer is sensitive to variations in application technique and thickness. It is important that the user carries out their own test and trials to determine how many coats are required for desired surface finish and application technique. Mould configuration, room temperature and humidity will influence the cure time from that detailed above.
3. COMPOTOOL CTS101 Sealer must be used in conjunction with CTS202 Sealer and CTS404 Release to seal the micro-pores and give a good release.

Health and Safety:

FOR INDUSTRIAL OR PROFESSIONAL USE ONLY.

DO NOT HANDLE UNTIL PRECAUTIONS ON THE SAFETY DATASHEET HAS BEEN CAREFULLY READ AND UNDERSTOOD.

FOR ADDITIONAL ENVIRONMENTAL, HEALTH AND SAFETY INFORMATION REFER TO SAFETY DATASHEET.

BY ACCEPTING THE GOODS SUPPLIED BY COMPOTOOL SELLER AND BUYER AGREE TO THE FOLLOWING LIMITED WARRANTY AND REMEDIES LIMITATIONS:

COMPOTOOL warrants that goods sold will be merchantable. If goods are defective, Buyer may return them at Buyer's cost to COMPOTOOL within 12 months of purchase for a full refund of the purchase price. Excluding CTS 202 Stage 2 Sealer. Other than this limited warranty, there are no express or implied warranties. There is no warranty as to fitness for a particular use. COMPOTOOL recommends that The Buyer shall take all recommended safety precautions while working with the goods. COMPOTOOL and Buyer agree that other than return of the purchase price COMPOTOOL will not be liable for any damages, consequential damages or incidental damages. When handling this product prolonged skin contact may lead to skin irritation and airborne dust can be released. It is recommended that suitable gloves, respiratory and eye protection equipment are used when handling. When sanding and machining use appropriate dust extraction and work in a well-ventilated area.

All information contained in this datasheet is given in good faith and based on tests believed to be reliable. COMPOTOOL Ltd. makes no warranty of fitness for a particular use. It is the responsibility of the user to determine the suitability of the products for their intended use and to assume all risk and liability in connection with their use. This information will be periodically reviewed and may be subject to modification.