

## C5800 Low-VOC Canister

**C5800** is a high performance, canister contact adhesive that can be used on a variety of substrates. **C5800** is high-solids, and provides a high yield with a smooth spray pattern that reduces telegraphing on thin laminates. It gives a water-resistant, non-staining bond for common HPL applications.

### PHYSICAL PROPERTIES

BASE:	Synthetic polymer	WEIGHT/GALLON:	8.09 lbs. per gallon
SOLVENT:	Methyl Acetate	VOC CONTENT:	2.8 g/L (EPA Method 24)
SHELF LIFE:	12 months	OPEN TIME:	Up to 30 minutes
DRY TIME:	2 to 5 minutes	SPRAY PATTERN:	Pebble spray
COLOR:	Clear or Green	FORMALDEHYDE:	No added urea formaldehyde

### BENEFITS

- ◆ Quick dry time
- ◆ Smooth, flat spray pattern
- ◆ Excellent adhesion to a wide variety of substrates
- ◆ Aggressive grab tack
- ◆ High strength bonds
- ◆ OTC States Compliant

### SUSTAINABILITY GUIDE

*GREENGUARD® Children & Schools Certified*

*GREENGUARD® Indoor Air Quality Certified*

- Contributes to *LEED®* and other green building rating system credits:
  - *LEED-NC and LEED-CI EQ Credits 3.2 and 4.1, and ID Credit 1.1-1.4*
  - *LEED for Schools EQ Credits 3.2 and 4, and ID Credit 1.1-1.4*
  - *LEED for Homes MR Credit 2.2 Environmentally Preferable Materials*
  - *LEED Core & Shell EQ Credit 4.1 and ID Credit 1.1-1.4*
  - *LEED-EB MR Credit 3*
  - *CHPS® (Collaborative for High Performance Schools) EQ Credit 2.2*
  - *Green Guide for Health Care EQ Credit 4.1*
  - *NAHB Model Green Home Bldg Guidelines – Sect 7, Global Impact 7.1.3*



**PACKAGING:** Available in recyclable 27#, 140#, and 270# canisters

### DIRECTIONS FOR USE

1. Use only after careful consideration of the warnings, directions, and first aid instructions given.
2. **Surface Preparation:** Surfaces to be bonded should be clean, dry and free of any dust, loose paint, wax, moisture, dirt, grease, oil, rust, or other contaminants.
3. **Adhesive Preparation:** Before initial use, securely attach gun to hose, then hose to canister. Fully open canister valve; do NOT close valve until empty. Adhesive should be at 60°F to 80°F.

**NOTE:** The shelf life for an unopened container of this adhesive is 1 year from date of manufacture.

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- 4 **Working Temperature:** For best results, adhesive and materials to be bonded should be 60°F to 80°F during application.
- 5 **Adhesive Application:** Spraying from 8 to 12 inches away, apply a uniform coat of adhesive to both surfaces to be bonded. Be sure to have complete coverage of the surfaces. Use only approved equipment. Do not apply adhesive in the direct sunlight. Be sure to have sufficient coverage of the surfaces for the application. Do not allow adhesive to “puddle”. For typical applications a coating weight of 2.5 - 3.5 dry grams per square foot is recommended. Spraying and drying must be in an area provided with approved adequate ventilation to exhaust the solvent vapor, or in an approved spray booth. Contact local authorities for requirements in your area. Do not breathe dust, vapors or spray mist. Prevent static build-up. Properly bond and ground all containers and components. Vapors may ignite explosively. Keep away from heat, sparks and flame. Do not smoke. Extinguish all flames and pilot lights, and turn off stoves, heaters, electric motors, and other sources of ignition during use and until all vapors are gone.
- 6 **Drying:** Both surfaces must be allowed to dry before bonding. This will usually take from 2 to 5 minutes at room temperature under normal conditions. Heat and humidity, or cold weather can effect drying times. Daily pretesting is recommended prior to use. Surfaces are dry if adhesive is tacky, but no adhesive transfers to the hand when touched. Complete the bond within 30 minutes (under normal conditions) after the adhesive is dry. If the two surfaces don't grab immediately when brought into contact, they have dried too long.
- 7 **Assembly:** Position coated surfaces carefully before putting them together since no shifting is possible once contact is made. Bring surfaces together and immediately apply firm pressure over entire surface working from the center to the edges. Apply uniform pressure over 100% of the area to be bonded.
- 8 **Storage:** After initial assembly, leave the hose and gun attached to canister with the valve open. Detach gun and hose from only when transferring to a new canister. Transfer gun and hose immediately. Store out of direct sunlight in a cool, well-ventilated area. Avoid storing container directly on the floor or against an outside wall.
- 9 Do not expose bonded parts to direct sunlight or excessive heat. Do not use on some vinyls or polystyrene foam. Some vinyls contain plasticizers, which can, over time, soften and dissolve the bond, or bleed through/discolor. When in doubt, or if product is to be used on vinyls, or other light colored materials, conduct compatibility testing on the product to be bonded before use.

**NOTE:** The shelf life for an unopened container of this adhesive stored at temperatures between 60°F and 80°F is 1 year from date of manufacture

**ATTENTION:** Empty container remains hazardous until all flammable vapors, which may explode upon ignition, are gone from residue and container. Observe all labeled hazard precautions. Do not cut, puncture, or weld while hazard exists. Do not reuse empty container. Dispose of according to all federal, state, and local regulations.

### APPROVED EQUIPMENT

◆ SG200 Pro Gun

◆ ST6502 Spray Tip

◆ MH973, 974, 978 Hoses

**KEEP OUT OF REACH OF CHILDREN  
FOR PROFESSIONAL OR INDUSTRIAL USE ONLY  
USE ONLY WITH APPROVED EQUIPMENT  
SALE TO CONSUMER IS IN VIOLATION OF FEDERAL LAW**

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