

C5800 Low-VOC Canister

C5800 Canister is a SCAQMD- and LEED-compliant solvent-based aerosol canister contact adhesive. It contains no chlorinated solvents, offering an alternative to methylene chloride. C5800 has excellent bond strength, exceptional tack, and a flat spray pattern that reduces the telegraphing that can be caused by web spray patterns. C5800 Canister is an excellent choice for many permanent adhesive applications like countertops and store fixtures.

PHYSICAL PROPERTIES

BASE:	Synthetic polymer	SPRAY PATTERN:	Pebble spray
SOLVENT:	Methyl acetate	VOC CONTENT:	<80 grams/liter
SHELF LIFE:	1 year, unopened	DRY TIME:	2 – 5 minutes
WEIGHT:	7.8 lbs/gallon	OPEN TIME:	Up to 30 minutes
COLOR:	Clear, Green	FORMALDEHYDE:	No added urea formaldehyde

FEATURES

- ◆ High strength, aggressive grab
- ◆ Smooth, flat spray application
- ◆ Self contained portable spray system
- ◆ Complies with SCAQMD, Rule 1168
- ◆ Contributes to LEED® -NC EQ Credit 4.1: Low Emitting Materials: Adhesives & Sealants
- ◆ Contributes to LEED® -CI EQ Credit 4.4: Low-Emitting Materials: Composite Wood & Agrifiber Products
- ◆ User friendly, no clean-up required
- ◆ Contains no chlorinated solvents
- ◆ No ozone-depleting compounds
- ◆ Low HAPs

PACKAGING

14# Returnable Canister	27# Returnable Canister
27# Disposable Canister	270# Returnable Canister

DIRECTIONS FOR USE

Use only after careful consideration of the warnings, directions, and first aid instructions given.

- 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.
- Adhesive Preparation:** Adhesive should be at 60°F to 80°F. Before initial use, securely attach gun to hose, then hose to canister. Fully open canister valve; do not close until empty.
- Working Temperature:** For best results, adhesive and materials to be bonded should be 60°F to 80°F.
- Adhesive Application:** Spraying from 8 to 12 inches from the substrate, apply a uniform coat of adhesive to both surfaces, allowing to coat evenly across the substrate. One-sided application may be used for temporary bonds or applications where maximum bond strength is not required. Do not allow adhesive to “puddle”. Be sure to have sufficient coverage of the surfaces for the application. For typical applications a coating weight of 2.5 to 3.0 dry grams per square foot is recommended. Do not apply adhesive in the direct sunlight. 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.
- Drying:** Both surfaces must be allowed to dry before bonding. (for temporary applications the adhesive may be applied wet) This will usually take from 2 to 5 minutes at room temperature under normal conditions. Heat and humidity, or cold weather can cause longer drying times. Daily pre-testing 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.
- Assembly:** Position coated surfaces carefully before putting them together since no shifting is possible once

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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.

7. **Storage:** After initial assembly, leave the hose and gun attached to canister with the valve open. Detach gun and hose from canister only when transferring to a new canister. Transfer gun and hose to a new canister immediately to keep product from drying in hose. Store out of direct sunlight in a cool, well-ventilated area. Avoid storing container directly on the floor or against an outside wall.
8. Do not expose bonded parts to direct sunlight or excessive heat. Do not use on vinyls, thin veneers, polyolefins, or some plastics. When in doubt, or if product is to be used on 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 is 1 year from date of manufacture.

ATTENTION: Empty container may still contain pressure and 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. Return empty refillable canister to ITW TACC. Dispose of according to all federal, state, and local regulations.

APPROVED EQUIPMENT

- ◆ SG200 Pro Gun
- ◆ ST6502 Spray Tip
- ◆ MH976 T-Bar
- ◆ MH973 - 12' Hose
- ◆ MH974 - 18' Hose
- ◆ MH978 - 25' Hose

DANGER!
EXTREMELY FLAMMABLE LIQUID AND VAPORS.
VAPORS MAY CAUSE FLASH FIRE, OR IGNITE EXPLOSIVELY.
VAPOR HARMFUL.
HARMFUL OR FATAL IF SWALLOWED.
CONTENTS UNDER PRESSURE

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. Minimum HMIS Rating: 2-4-0-B.

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Please direct all inquiries regarding performance of this product to:

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