

T1080 Low VOC Canister Contact Adhesive

T1080 is a high performance, spray-grade contact adhesive that can be used on a variety of substrates. **T1080** 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.

FEATURES

- ◆ Quick Dry Time
- ◆ Aggressive Grab Tack
- ◆ High Green Strength
- ◆ Excellent adhesion to many substrates
- ◆ High Strength Bonds
- ◆ Smooth, flat spray pattern
- ◆ Long Open Time
- ◆ 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 Credit 4.1**
 - **LEED for Schools EQ 4**
 - **LEED Core & Shell EQ Credit 4.1**
 - **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**
 - **LEED-CI EQ Credit 4.4**



REGULATORY COMPLIANCE

- SCAQMD (South Coast Air Quality Management District), Rule 1168
- California Air District Regulations
- Ozone Transport Commission (OTC) Rule for Adhesives and Sealants

DIRECTION

Use only after careful consideration of the warnings, directions, and first aid instructions given. Do not thin. Surfaces to be bonded should be clean, dry and free of any dust, loose paint, wax, moisture, dirt, grease, oil, rust, or other contaminants. 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 95°F. For best results, adhesive and materials to be bonded should be 60°F (15.6°C) to 95°F (35°C) during application. Allow substrates to acclimate to room temperature for 48 hours before bonding. Spraying from 8 to 12 inches away, apply adhesive uniformly to both surfaces and cover each surface a minimum of 80%. Some porous surfaces may require two coats. 100% coverage is recommended for the edges. Use only approved equipment. For typical applications a coating weight of 2.5 dry grams per square foot is recommended. 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. 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,

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they have dried too long. 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 a minimum of 30 psi uniform pressure over 100% of the area being bonded. Let bonded parts cure for at least 72 hours before exposing to direct sunlight of temperatures over 150° F (65.6°C). 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. After initial assembly, leave the hose and gun attached to the canister with the valve open. After safely releasing line pressure, detach gun and hose only when transferring to a new canister. Reattach gun and hose immediately. **NOTE:** The shelf life for an unopened container of this adhesive stored at temperatures between 60°F (15.6°C) and 80°F (26.7°C) is 1 year from date of manufacture. Store out of direct sunlight in a cool, well-ventilated area. Avoid storing container directly on the floor or against an outside wall. **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. Recycle, or dispose of, according to all federal, state, and local regulations. **NOTICE:** Reports have associated repeated and prolonged occupational exposure to solvents with permanent brain and nervous system damage.

PHYSICAL PROPERTIES

BASE:	Synthetic Polymer	WEIGHT/GALLON:	7.96 lbs/gallon
SOLVENT:	Methyl Acetate	VOC CONTENT:	2.70 g/L (EPA Method 24)
SHELF LIFE:	1 year from date of manufacture	VISCOSITY:	20-60 cps
COLORS:	Clear /Green	OPEN TIME:	30 minutes
FLASHPOINT:	8.6°F (-13.0°C)	DRY TIME:	2- 5 minutes

FORMALDEHYDE: No urea formaldehyde added during adhesive manufacturing

APPROVED EQUIPMENT

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Spray Gun:	SG200
Spray Tip:	ST6502
Hoses:	MH973 (12'), MH974, (18'), MH978 (25')
T-Bar:	MH976

**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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Please direct all inquiries regarding performance of this product to:
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Rev 6/10

