Characteristics

80% Strength

Very Fast Set



Adhesive Weld-On #3 (DCM & TCE FREE)

- Weld-on 3 is a water-thin, flammable cement formulated to quickly develop high strength, clear bonds to many thermoplastic subtrates, particularly acrylic. Weld-on 3 is used extensively in sign fabrication.
- The bond is achieved by first softening the surfaces to be joined and then fusing them together with dissipation of the solvent. The initial bond forms within a few minutes and quickly increases in strength. Substantial strength will be obtained within only a few hours. Under certain conditions, especially with high humidity, a white mark on the plastic (commonly called blushing) may sometimes be encountered.
- **New formula** - free of methylene chloride (dichloromethane) and trichloroethylene
- Store below 80ºF (27ºC)

Physical

(Available in)

ITEM	Qty. FL. OZ.
Weld-On 3-G	Gallon: 128 FL. OZ. U.S.
Weld-On 3-Q	Quart: 32 FL. OZ. U.S.
Weld-On 3-P	Pint: 16 FL. OZ. U.S.

(Properties)

Color:	Clear	**Fixture Time**	2 Minutes
Viscosity:	Water Thin	**Time** to Reach 65-80% of Ultimate Bond Strength	24 Hours
Working time:	1 Minute	**Specific Gravity:**	1.218 +/- 0.01

Directions for Use

- Parts to be joined should fit without forcing and be clean.
- Apply cement with a suitable applicator (HYPO-25)
- Assemble while parts are still wet. If applied to one surface, let the two surfaces be in gentle contact for a few seconds to soften the dry surface.
- Press parts together in firm contact.

Note

Strength continues to develop very rapidly, reaching high strength in 24 to 48 hours at 72ºF. This product will not bond cross-linked acrylics.

FOR INDUSTRIAL AND PROFESSIONAL USE ONLY. NOT FOR CONSUMER USE.
Cancer risk from exposure to nitromethane.

Product Storage and Stability

- Two years in tightly sealed containers.
- The date code of manufacture is stamped on the bottom of the container.
- Stability of the product is limited by the evaporation of the solvent when the container is opened.
- Vaporation of solvent will cause the cement to thicken and reduce its effectiveness.
- Adding of thinners to change viscosity is not recommended and may significantly change the properties of the cement.

Safesty and Environmental Precautions

This product is a flammable, very fast evaporating solvent cement. It is considered a hazardous material. In conformance with the Federal Hazardous Substance Labeling Act, the following hazards and precautions are given. Purchasers who may re-package this product must also conform to all local, state, and federal labeling, safety and other regulations.

- Keep out of the reach of children. Do not take internally.
- Keep away from heat, spark, open flame and other sources of ignition
- Contact with hot surfaces may produce toxic effects.
- Keep container closed when not in use. Store away from direct sunlight below 80º F (27º C).
- Use only in adequate ventilation.
- Avoid breathing of vapors.
- Atmospheric levels should be maintained below established exposure limit values.
- If airborne concentrations exceed these limits, use a supplied air respirator.
- Do not use a chemical cartridge respirator.
- For emergencies and other conditions where short-term exposure may be exceeded, use an approved positive pressure self-contained breathing apparatus.
- In confined areas, use a positive pressure self-contained breathing apparatus (SCBA).
- Do not smoke, eat or drink while working with this product.
- Avoid contact with skin, eyes, and clothing. May cause eye injury.
- Protective equipment such as gloves, safety goggles, and impervious apron should be used.
- Carefully read Safety Data Sheet and follow all precautions.
- Contains trans-dichloroethylene, methyl methacrylate, and nitromethane.

First AID

Inhalation: If overcome with vapors, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Call physician.

Eye Contact: Flush with plenty of water for 15 minutes and call a physician.

Skin Contact: Wash skin with plenty of soap and water for at least 15 minutes. If irritation develops, get medical attention.

Ingestion: If swallowed, give 1 or 2 glasses of water or milk. Do not induce vomiting. Contact physician or poison control center immediately.