Characteristics

80% Strength

Fast Set



Adhesive Weld-On #16 (DCM & TCE FREE)

- Weld-on 16 is a very high strength, clear, medium bodied solvent cement for applications such as large housing, signs, letters, and industrial fabrications. formulated to bond acrylic (Polymethyl methacrylate), butyrate, ABS, polycarbonate, plastics and porous surfaces.
- **New formula** - free of methylene chloride (dichloromethane) and trichloroethylene
- Water and wheather resistant
- Working Time: 5-6 Minutes / Fixture Time: 10 Minutes / Store below 80ºF (27ºC)

Physical

(Available in)

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

(Properties)

Color:	Clear	**Fixture Time** (Time to reach 80% of ultimate strength):	10 Minutes
Viscosity:	800 +/- 100 cps	**Time** to Reach 80% of Ultimate Bond Strength	24 Hours
Working time:	5 Minutes	**Specific Gravity:**	1.202 +/- 0.01

Directions for Use

- Parts to be joined should fit without forcing and be clean.
- Apply cement with a suitable applicator (HYPO-49)
- 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, 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.