



SUBSTRATE RECOMMENDATIONS

Weld-On® 1001 is formulated for bonding a wide variety of plastics such as vinyl, rigid PVC, flexible PVC, foamed PVC, ABS, and non-plastics to themselves and each other. It does not bond styrene, butyrate, polyolefins, or PTFE.

BONDING RECOMMENDATIONS

Weld-On 1001 is recommended in building and industrial applications involving rigid or semi-rigid materials, such as vinyl extrusions. For similar applications employing plasticized flexible vinyl, Weld-On 1829 is recommended.

GENERAL DESCRIPTION

Weld-On 1001 is a clear solvent cement of thin syrupy consistency. It cures with the dissipation of solvent at room temperature, forming strong, water resistant joints. Time of cure will vary with materials and application techniques. Bond strength develops slowly. This is particularly true with non-porous materials.

ADHESIVE PROPERTIES AND CHARACTERISTICS @ 73°F (23°C)

COLOR:	Clear	FIXTURE TIME (Time to reach 80% of ultimate strength):	30 Minutes
VISCOSITY:	500 ± 100 cps	TIME TO REACH ULTIMATE BOND STRENGTH:	72 Hours
WORKING TIME:	15 – 20 Minutes	SPECIFIC GRAVITY:	0.931 ± 0.01

Ultimate Bond Strength is defined as strength achieved after 24-hour room temperature cure.

DIRECTIONS FOR USE

Clean surfaces to be joined.

Coat each mating surface with Weld-On 1001. Wait about 5 to 10 seconds before assembly of porous material and 10 to 20 seconds when one surface is non-porous, such as glass or metal.

Press parts firmly together. Use clamps or weights until cement has set sufficiently for handling strength.

If parts are strained, do not remove clamps for at least a few hours, depending on materials and room temperature.

AVAILABILITY

This product is available in gallon (3.785 liters) metal cans. For detailed information on containers and applicators, refer to the current Sign and Display Assembly Selection Guide and Price List.

SHELF LIFE

Three years in tightly sealed containers stored away from direct sunlight in a cool, dry place 40° – 110°F (5° – 43°C). Storage near the ceiling in non air-conditioned warehouses is not recommended. Shelf life is reduced at higher temperatures and enhanced at lower temperatures. Keep away from sources of heat, open flame, sparks and sunlight. Keep container tightly capped when not in use to prevent evaporation of solvent. Such evaporation can cause the cement to thicken and reduce its effectiveness. The date code of manufacture is stamped on the bottom of the container.

QUALITY ASSURANCE

Weld-On 1001 is carefully evaluated to assure that consistent high quality is maintained. Fourier transform infrared spectroscopy, gas chromatography, and additional in depth testing ensures each batch is manufactured to exacting standards. A batch identification code is stamped on each can and assures traceability of all materials and processes encountered in manufacturing this plastic adhesive for its intended specific application.

SHIPPING

Shipping Information for One Liter and Above: Proper Shipping Name: Adhesive. Hazard Class: 3. ID #: UN1133. Packaging Group: II. Label: Flammable Liquid. **For Less than One Liter:** Proper Shipping Name: Consumer Commodity. Hazard Class: ORM-D.



SAFETY 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. VOC emissions do not exceed 510 grams per liter.

**DANGER: FLAMMABLE. VAPOR HARMFUL.
MAY BE HARMFUL IF SWALLOWED. MAY IRRITATE SKIN OR EYES.**

Keep out of reach of children. Do not take internally. Keep away from heat, spark, open flame and other sources of ignition. Keep container closed when not in use. Store away from direct sunlight between 40° F – 110° F (5° C – 43° C). Use only with adequate ventilation. Avoid breathing of vapors. Atmospheric levels should be maintained below established exposure limit values contained in Section II and VIII of the Material Safety Data Sheet. If airborne concentrations exceed those limits, use of a NIOSH-approved organic vapor cartridge respirator with full face-piece is recommended. The effectiveness of an air-purifying respirator is limited. Use it only for a single short-term exposure. For emergency and other conditions where short-term exposure guidelines may be exceeded, use an approved positive pressure self-contained breathing apparatus. 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 Material Safety Data Sheet and follow all precautions.

Contains Methyl Ethyl Ketone (78-93-3) and Toluene (108-88-3). Do not use this product for other than intended use.

“Title III Section 313 Supplier Notification”: This product contains toxic chemicals subject to the reporting requirements of Section 313 of the Emergency Planning and Community Right-to-Know Act of 1986 and of 40CFR372. This information must be included in all Material Safety Data Sheets that are copied and distributed for this material.

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.

IMPORTANT NOTE

This product is intended for use by skilled individuals at their own risk. These suggestions and data are based on information we believe to be reliable. Users should verify by test that this product, as well as these methods, is suited to their application.

WARRANTY

IPS Corporation (IPS Corp.) warrants that all new IPS Corp. products shall be of good quality and free from defects in material and workmanship for the shelf life as indicated on the product. If any IPS Corp. product becomes defective, or fails to conform to our written limited warranty under normal use and storage conditions, then IPS Corp. will, without charge, replace the nonconforming product. However, this limited warranty shall not extend to, nor shall IPS Corp. be responsible for, damages or loss resulting from accident, misuse, negligent use, improper application, or incorporation of IPS Corp. products into other products. In addition, any repackaging of IPS Corp. products also shall void the limited warranty. IPS Corp. shall not be responsible for, nor does this limited warranty extend to, consequential damage, or incidental damage or expense, including without limitation, injury to persons or property or loss of use. Please refer to our standard IPS Corp. Limited Warranty for additional provisions.

