



WELD-ON

WELD-ON 4052

MULTI-PURPOSE SOLVENT CEMENT

SUBSTRATE RECOMMENDATIONS

WELD-ON 4052 is formulated for bonding a variety of plastic substrates. It will bond PVC, CPVC, foamed PVC, ABS, acrylic, styrene, polycarbonate, Noryl, etc. to themselves and to each other.

GENERAL DESCRIPTION

Weld-On 4052 is a clear, medium bodied, fast set solvent cement. The cement appears to have a slight amber tint when viewed in the container, however, the usual thin layer on the substrate appears clear when dry.

BOND STRENGTH DATA	<u>2 Hours</u>	<u>24 Hours</u>	<u>1 Week</u>
PVC	260PSI	600PSI	1200PSI
ABS	200	600	1200

ADHESIVE PROPERTIES AND CHARACTERISTICS

COLOR:	Amber		
VISCOSITY:	850cps		
WORKING TIME:	15 minutes		
FIXTURE TIME:	20 – 25 minutes		
80% STRENGTH:	72 hours		
SPECIFIC GRAVITY:	.986 ± .040		
COVERAGE:	10 mil:	35 sq. ft./Pint	280 sq. ft./Gallon
	20 mil:	17 sq. ft./Pint	140 sq. ft./Gallon

DIRECTIONS FOR USE

- Parts to be joined should be clean and fit well without forcing.
- Apply cement with brush, polyethylene squeeze bottle or other suitable applicator.
- Assemble while parts are still wet.
- If cement is applied to one surface, bring the two surfaces in gentle contact for several seconds to allow the dry surface to be softened.

SHELF LIFE

Three years expectancy in tightly sealed containers. Stability of the product is limited by the permanence of the container and the evaporation of the solvent when container is open. Evaporation of solvent will cause the cement to thicken and reduce its effectiveness.

SHIPPING

Shipping Information for Individual Containers Larger than One Liter: DOT Shipping Name: Adhesive. DOT Hazard Class: 3. ID #: UN1133. Packaging Group: II. Label: Flammable Liquid.

Shipping Information for Less than One Liter: DOT Shipping Name: Consumer Commodity. DOT Shipping 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 Substances Labeling Act, the following hazards and precautions are given. Purchasers who may repackage this product must also conform to all local, state and federal labeling, safety and other regulations.

**DANGER! - EXTREMELY 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 in the shade between 40°F and 80°F. 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 Sheets and follow all precautions. Contains Tetrahydrofuran (109-99-9), Methyl Ethyl Ketone (78-93-3) and Cyclohexanone (108-94-1). 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 MSDS's that are copied and distributed for this material.

FIRST AID

Inhalation: If ill effects from inhalation, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Call physician.

Eye or Skin Contact: Flush with plenty of water for 15 minutes. If irritation persists, get medical attention.

Ingestion: If swallowed, do not induce vomiting. Contact physician immediately.

QUALITY ASSURANCE

Every batch of this product is checked to assure that consistent quality is maintained. An infrared absorption curve is recorded for each batch to ensure that this product is properly formulated. Samples are taken from all batches and kept for a period of at least one year. A batch identification code is stamped on each can.

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. Installers should verify for themselves that they can make satisfactory joints under varying conditions. Toward this end, it is highly desirable that they receive personal instruction from trained instructors or competent, experienced installers. Contact us or your supplier for additional information or instruction.