



PRODUCT BULLETIN – SPECIFICATIONS

WELD-ON 771

GENERAL DESCRIPTION:

Weld-On 771 is a milky-clear or yellow, medium bodied, fast set, high strength solvent cement. It is especially formulated for solvent cementing rigid Acrylonitrile-Butadiene Styrene (ABS) pipe and fittings in all schedules and classes through 8" interference fits.

APPLICATION:

Weld-On 771 is for use on all types of ABS plastic pipe applications, Type I and Type II. It is widely used for drain waste and vent systems (DWV), gas, conduit and sewer applications. Weld-On 771 is chiefly used where the black color of Weld-On 773 is undesirable.

Detailed directions on making solvent cemented joints are printed on the container label. It is also highly recommended that the installer review the instructions supplied by the pipe and fitting manufacturer. Do not use primer of any kind on ABS pipe and fittings.

AVAILABILITY:

Weld-On 771 is available in 1/2 pint, 1 pint, 1 quart and 1 gallon metal cans. Weld-On 771 Yellow only is also available in 1/4 pint containers. For detailed information on containers and applicators, see our current Price List.

STANDARDS AND APPROVALS:

Weld-On 771 meets ASTM D-2235 and is listed by NSF International for DWV and sewer pipe. It is listed by the International Association of Plumbing & Mechanical Officials (IAPMO) and carries the Uniform Plumbing Code (UPC) seal. Weld-On 771 Yellow is approved by the Canadian Standards Association (CSA) for drain, waste and vent (DWV) systems. This cement is suitable for use with ABS piping systems approved by (SBCC) Southern Building Code Congress and (BOCA) Building Officials Congress of America.

SPECIFICATIONS:

Weld-On 771 conforms to these requirements:

COLOR:	Milky-Clear or Yellow
RESIN:	Must be virgin ABS
SPECIFIC GRAVITY:	0.870 ± 0.040
BROOKFIELD VISCOSITY:	250-800 CPS (Centipoises at 73±2°F)

SHELF LIFE:

3 years expectancy in tightly-sealed containers. The date of manufacture is stamped on the bottom of the container. 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. Adding of thinners to change viscosity is not recommended.

SHIPPING:

Shipping Information for Gallon and Above: DOT Hazard Class: 3. DOT Shipping Name: Methyl Ethyl Ketone. Identification Number: UN 1193. Packaging Group: II. Label Required: Flammable Liquid.

Shipping Information for Less than One Gallon:

DOT Shipping Name: Consumer Commodity. DOT Hazard Class: ORM-D.

SAFETY PRECAUTIONS:

This product is flammable and 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. Vapors may ignite explosively. Keep container closed when not in use. Store in the shade between 40°F and 110°F. Avoid breathing of vapors. Use only in well ventilated area. If confined or partially enclosed, use forced ventilation. Atmospheric levels must be maintained below established exposure limits contained in Section II 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, goggles and impervious apron should be used. Carefully read Material Safety Data Sheet and follow all precautions. Contains Methyl Ethyl Ketone (78-93-3). Do not use this product for other than intended use.

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 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 to 2 glasses of water or milk. Do not induce vomiting. Contact physician immediately.

"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 MSDSs that are copied and distributed for this material.

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 was 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.

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