PRODUCT BULLETIN • SPECIFICATIONS

724

CPVC Chemical Resistant Solvent Cement

GENERAL DESCRIPTION:

Weld-On 724 is a gray, reduced VOC emissions, heavy bodied, medium setting, high strength CPVC solvent cement for all classes and schedules of pipe and fittings with interference fit, including Schedule 80 through 12" diameter. Formulated for improved chemical resistance to caustics including hypochlorite solutions. Approved for Corzan™ Industrial Systems. **May be used on PVC industrial piping systems for chemical applications.**

APPLICATION:

Weld-On 724 is for use on CPVC and PVC industrial piping systems. It is especially for systems requiring chemical resistance to caustics, including hypochlorite solutions. It can also be used in systems for mineral acids, aggressive water and aqueous salt solutions.

Detailed directions on making solvent cemented joints are printed on the container label. An installation DVD/CD covering solvent cementing is available. It not only describes the basic principles of solvent cementing, but also covers the handling, storage and use of our products. It is highly recommended that the installer review the instructions supplied by the pipe and fitting manufacturer. **NOTE:** IPS Weld-On solvent cements must never be used in a CPVC or PVC system using or being tested by compressed air or gases.

AVAILABILITY:

This product is available in pint, quart and gallon metal cans. For detailed information on containers and applicators, see our current Price List.

STANDARDS AND APPROVALS:

Weld-On 724 meets ASTM F-493 and SCAQMD Rule 1168/316A. It is listed by NSF International for potable water, sewer, drain, waste and vent systems.

SPECIFICATIONS:

COLOR:	Gray
RESIN:	CPVC
SPECIFIC GRAVITY:	0.982 ± 0.040
BROOKFIELD VISCOSITY:	Minimum 1,800 cps @ 73 ± 2°F
MAX VOC EMISSIONS:	490 G/L, per SCAQMD Rule 1168, Method 316A

SHELF LIFE:

2 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 Liter and Above: Proper Shipping Name: Adhesive. Hazard Class: 3. Identification Number: UN 1133. Packing Group: II. **Label Required:** Flammable Liquid.
Shipping Information for Less than One Liter: Proper Shipping Name: Consumer Commodity. Hazard Class: ORM-D.

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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 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. Solvent cement vapors are heavier than air and may travel to source(s) of ignition at or near ground or lower level(s) and flash back. Keep container closed when not in use. Store between 40°F (5°C) and 90°F (33°C). Avoid breathing of vapors. Use only in well-ventilated area. If confined or partially enclosed, use forced ventilation. When necessary, use local exhaust ventilation to remove harmful airborne contaminants from employee breathing zone and to keep contaminates below 25 ppm TWA. 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. Do not use this product for other than intended use. "SARA 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 (EPCRA) of 1986 and of 40CFR372. This information must be included in all MSDSs 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 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.

SPECIAL PRECAUTION:

Do not use a dry granular calcium hypochlorite as a disinfecting material for water purification in potable water piping systems. The introduction of granules or pellets of calcium hypochlorite with PVC and CPVC solvent cements and primers (including their vapors) may result in a violent chemical reaction if a water solution is not used. It is advisable to purify lines by pumping chlorinated water into the piping system – this solution will be nonvolatile. Furthermore, dry granular calcium hypochlorite should not be stored or used near solvent cements and primers.

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 are 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 IPS or your supplier for additional information or instructions.

WARRANTY:

Warranty is limited to the replacement of defective IPS material.