



PARR™ Construction Adhesive 40
SC-0676

DESCRIPTION

Construction Adhesive 40 (CA-40) is a synthetic rubber-based, non-oxidizing fast-set adhesive, which offers an extremely strong, elastic, waterproof bond to wood, wall board, metal, concrete and tile. CA-40 reduces sound and vibration transmission and eliminates squeaks when used as a sub-flooring joist adhesive. CA-40 has excellent bonding properties to compensate for irregular or uneven surfaces. The strong elastic properties are built in especially to withstand racking and vibration that modular units and manufacture housing are exposed to when moved to job sites. CA-40 conforms to American Plywood Specification AFG-01 and is recommended with the APA Glued Floor System. When used as a drywall adhesive, CA-40 meets all of the requirements of ASTM C557-73(1985) with the exception of the 30 minute open time. CA-40 has excellent gap filling properties for bonding joints having uneven surfaces.

PRODUCT USES

CA-40 is used for bonding wood paneling, dry wood and subfloor. Various applications are for metal to metal, concrete to wood, wood to wood, and wood to metal.

TYPICAL PHYSICAL PROPERTIES and GENERAL INFORMATION

Property	Value
RAW MATERIAL BASE	SYNTHETIC RUBBER
COLOR	TAN
SPECIFIC GRAVITY	1.15
TENSILE SHEAR (3 DAYS)	250 PSI
TENSILE SHEAR (7 DAYS)	300-500 PSI
WEIGHT PER GALLON	9.7 POUNDS
SOLIDS BY WEIGHT	72%
FLASH POINT(TAG CLOSED CUP)	45° F (7° C)
OPEN TIME	20 MINUTES AFTER ADHESIVE APPLICATION
SET TIME	4 HOURS
VISCOSITY	95,000 CPS
SOLVENT	NAPHTHA BLEND, TOLUENE
VOC	303 G/L
PHOTOCHEMICALLY ACTIVE	YES
TOTAL HAPS	0.222 # VHAP/ 1.0 # SOLIDS; 1.186 #/GAL
SHELF LIFE	ONE YEAR
COVERAGE 3/8" BEAD	174 LINEAR FT/GAL
WATER RESISTANCE	VERY GOOD
CLEAN-UP SOLVENT	TOLUENE, NAPHTHAS, MINERALS SPIRITS, TURPENTINE
FORM & PACKAGING	55-GAL DRUMS; 5-GAL PAILS; 1-GAL CANS; 29 OZ CARTRIDGES

EQUIPMENT SUGGESTIONS

29-OZ CARTRIDGES

Hand or power caulking gun.

5-GALLON PAIL DISPENSING SYSTEM

1. Pump - 24 to 1 ratio pump divorced design. 2 cu.in./cycle with 4 1/4" air motor. Ball type check valves-double acting.
2. Primer - Gravity type with plate type follower plate.

55-GALLON DRUM DISPENSING SYSTEM

1. Pump - 24 to 1 ratio pump divorced design. 2 cu.in./cycle with 4 1/4" air motor. Ball type check valves-double acting.
2. Primer - Elevator with plate type follower plate.

APPLICATION TECHNIQUES

1. Surfaces to be sealed should be clean, dry and free of oil and moisture.
2. Apply a uniform coverage of adhesive to one surface.
3. While the adhesive is still semi-wet, combine the substrates with sufficient pressure to insure 100% contact.

STORAGE AND HANDLING

The shelf life of this product is 1 year, when stored at 60-80°F in original sealed container. If stored below 60°F, the product should be conditioned in its unopened container, at room temperature for at least 24 hours before using.

WARNING! FLAMMABLE LIQUID AND VAPOR. VAPOR MAY CAUSE FLASH FIRE.

PRECAUTIONS

Vapors may ignite explosively and cause flash fire if they contact an ignition source. Vapors may settle in low-lying areas or travel long distances to an ignition source. Ensure industrial ventilation systems are on and functioning properly, or use sufficient general dilution ventilation to maintain vapor concentrations below recommended exposure limits. Keep away from heat, spark, or open flame, including pilot lights, lighters or electric switches. Disconnect all gas or electrical appliances, e.g., furnaces, heaters, power tools, until all vapors have been cleared from the area. Static charges can accumulate during shipping, unloading, pouring or conveying. Ground and bond container receiving equipment and personnel before transferring material. Do not generate static sparks (such as by walking on carpet, etc.). Keep container closed during and after use. Empty container may contain vapors - do not cut, drill, grind, or weld on or near this container.

Vapors harmful. Acute overexposure to vapors may cause dizziness, headache, nausea, and unconsciousness. Prolonged overexposure to vapors may cause liver and kidney damage. Absorbed through the skin. Harmful if swallowed. Eye and skin irritant.

WARNING: This product contains toluene, a chemical known to the State of California to cause birth defects or other reproductive harm.

NOT INTENDED FOR CONSUMER SALE OR USE. FOR INDUSTRIAL USE ONLY.
Consult Material Safety Data Sheet for further information.

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ADEQUATE TESTS: The information contained in this bulletin we believe is correct to the best of our knowledge and tests. The recommendations and suggestions herein are made without guarantee or representation as to results. We recommend that adequate tests be made in your laboratory or plant to determine if this product meets all of your requirements.