

# TECH DATA

## Technical Information Sheet

### TECHNICAL DATA

- COLOR: Dries Clear
- BASE: Synthetic resin(s) and Styrene butadiene copolymer mixture
- SOLVENT SYSTEM: Aliphatic (Hexane) and Ketone (Acetone)
- SOLIDS: 20% +/- 0.5%
- VOC CONTENT: 65% by wt.
- HEAT RESISTANCE: -10°F to 120°F
- BONDING TIME: 15 seconds to several hours
- CONTAINER SIZE: 19.6 Fluid Ounce, 14 Ounce Net Weight
- ODOR: Strong mint-like when wet, none when dry
- PHYSICAL & CHEMICAL RESISTANCE: Good to oxidation and moisture
- SHELF LIFE: One year in unopened container

## CAUTION



**EXTREMELY FLAMMABLE!  
VAPOR HARMFUL AND  
CAN EXPLODE VIOLENTLY  
AND CAUSE FLASH FIRES.**

This product is an extremely flammable mixture. Adequate ventilation is essential to prevent buildup of vapors to an explosive concentration. Use only with positive fresh air cross-ventilation. Use explosion proof fans, motors and other equipment. Prevent prolonged or repeated breathing of vapors or mist. Vapors are heavier than air and can collect in low areas, such as household basements. Do not use in these areas; unless they can be thoroughly ventilated before, during and after installations. Do not store or use near heat, flames or sparks of any type. Keep container closed when not in use. Use with appropriate safety equipment – splash goggle, gloves, and where high vapor concentrations exist, vapor respirator. **KEEP OUT OF REACH OF CHILDREN & PETS. (Refer to Material Safety Data Sheet [MSDS] for further information.)**

**V.O.C. Compliant for Sale in California.  
MATERIAL IS SOLD FOR INDUSTRIAL USE ONLY.**

# APAC

All Purpose Adhesive Company  
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# APAC 643

## CONSTRUCTION ADHESIVE

FLAMMABLE • FAST TACK • FAST GRAB

### DESCRIPTION

APAC 643 Construction Adhesive is a fast tack, fast grab, low soak-in adhesive. It was especially formulated to bond polyethylene to itself, concrete block, wood and many other hard-to-bond surfaces. 643 was developed for the floor covering industry as a well-rounded, general purpose adhesive for carpet and pads. It may also be used to bond paper, cardboard, fabric, urethane foam, foil, metal, wood, and most plastics to themselves and a variety of other substrates. 643 may be used either for permanent or temporary bonds.

### FEATURES & BENEFITS:

- Fast Tack
- Fast Grab
- For Permanent or Temporary Bonds
- Useful on Many Construction Surfaces
- V.O.C. Compliant for use in California

### WARRANTY:

- Limited Warranty

### USES:

- Polyurethane Insulation Blocks, Bead Board, Insulation, Carpet and Carpet Pad, Polyethylene Film, Sanding Discs, Paper, Cardboard, Fabrics, Urethane Foam, Foil, Metal, Wood and Most Plastics
- Not recommended for unsupported vinyl fabric. Certain plastic and elastomeric substrates can exhibit bond failure due to plasticizer migration. Combinations of high temperature and humidity can promote bond failure. For nonmetallic substrates, testing of production parts in typical operating environments for compatibility and performance is recommended.

### DIRECTIONS

#### Uses & Suggestions:

1. *Shake well before using.*
  2. Hold can six to eight inches away from surface to be sprayed, depress spray tip (with arrow pointed away from body) and apply a uniform coat.
- NOTE: Invert can and spray to clear spray tip

#### Application:

- FOR POROUS SUBSTRATES: two coats in the opposite direction of each other will increase bond strength.

- FOR PERMANENT bonding applications apply a heavy coat to both surfaces.
- FOR TEMPORARY bonds apply a light coat to one surface only and bond. Read precautions on label before using.

### CLEAN UP

Wet adhesive may be cleaned with a soft white cloth and APAC 001 Reducer Cleaner or mineral spirits. Be careful. 001 and mineral spirits are harmful to certain floor coverings and may ruin the bond of this adhesive if it gets under the floor covering. **001 and mineral spirits are flammable. Vapors are harmful and can explode violently and cause flash fires.** These vapors will concentrate in low lying areas. Use with adequate ventilation, and eliminate all sources of ignition. Do not smoke while using solvents. Place solvent soaked cloth outdoors away from children and pets to dry before disposing of them.

### FIRST AID:

**Harmful or fatal if swallowed.** Do NOT induce vomiting. Call physician immediately. In case of eye contact, flush with water for at least 15 minutes and get medical attention. For skin contact, wash thoroughly with soap and water. In case of respiratory difficulty provide fresh air and call physician immediately.

**NOTE:** Use as directed. *Intentional misuse by deliberately concentrating and inhaling the contents may be harmful or fatal.* Primary health concerns regarding this product are related to the solvent vapors. Once this product is dried, these warnings do not apply. (See *Material Safety Data Sheet [MSDS] for more information.*)

revised 12-21-2006

#### ASSOCIATIONS:

