

# D-420

PVAc Emulsion Adhesive

**DAEHEUNG CHEMICAL**

**D-420 is vinyl acetate-acrylic emulsion adhesive as a copolymer, in particular, adhesion and water resistance, chemical resistance, weather resistance is excellent wood and wood working adhesive.**

## 1. Uses

- Luxury furniture core adhesive
- Wood furniture processing
- Woodwork

## 2. Characteristics

- Water-based product. Good water compatibility.
- Improved water resistance
- clear film formation

## 3. Physical properties

Properties	Value
Main component	Polyvinyl Acetate & Acrylic copolymer Latex
Color	Milk-white and viscous liquid
Solid contents	44~46 % (KS-M-3700)
Viscosity	48,000~52,000 cps (at 25°C, RION VT-04 #2)
pH	4~5 (KS-M-3700)
Film forming property	Clear (KS-M-3700)
Wood stain	Good (KS-M-3700)
Stability	Good
Adhesion(after 48 hours)	Over 100 kg/cm <sup>2</sup>
Water resistance Adhesion	Over 40 kg/cm <sup>2</sup>
Specific gravity	1.05±0.03 g/cm <sup>3</sup> (at 20°C, KS-M-3705)
Shelf life	9 months in unbroken package under dry and cool condition

#### 4. Desirable working conditions

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- Wood, room and glue temperature : 15~25 °C
- Wood moisture : 8~12 %
- Humidity : 65~75 % RH
- Applied amount : 140~180 g/m<sup>2</sup>
- Applied pressure : 5 kg/cm<sup>2</sup> up
- Curing time : 48 hr up (at Room temperature)
- Remove dirt, oil and moisture from the surfaces to be jointed and smooth the surfaces if they are rough.
- Spread thinly the adhesive DAEHEUNG BOND D-420 over one of the surfaces to be bonded by using brush, rubber roller or spreader roller.
- Then join the parts at once and keep the entire surface pressed for 1~2 hrs up.
- In the case of thin materials to be bonded, such as wall paper and cloth, it is unnecessary to keep them pressed.

#### 5. Caution

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- Avoid direct rays of the sun and keep in cool and dry place
- Use with adequate ventilation.
- The brush and other tools for spreading the adhesive, the stain parts and hands, etc, should be cleaned by wiping or washing with water.
- Store at temperature 10°C up.
- After each using, cap the container tightly.
- Don't use except for the original purpose.

#### 6 . Packaging

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- 18kg C/N
- 50kg, 100kg, 200kg D/M

Please contact us for further information or see Material Safety Data Sheet (MSDS) for this product.

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