

# DE-101(A,B)

Epoxy Adhesive



## DAEHEUNG CHEMICAL

DE-101 (A, B) EPOXY room temperature curing adhesive system as a metal, ceramic, wood, glass, rigid plastic, concrete, and bonding adhesive is a high-performance universal.

### 1. Uses

- Stone, metal, insulation, glass, aluminum, concrete, etc.

### 2. Characteristics

- Strong adhesion and to exert minimal shrinkage.
- The electrical insulation is excellent.
- The mechanical strength is good.
- Good waterproof effect
- Chemical resistance, water resistance and abrasion resistance
- Workability is good and economical.
- Good weatherability.
- Heat is good. (50 ~ 80 °C)

### 3. Physical properties

Properties	DE-101(A) (Resin)	DE-101(B) (Hardener)	Reference
Main component	Epoxy resin	Polyamide	
Color	Clear viscous liquid	Light brown viscous liquid	
Solid contents	98±2 %	98±2 %	at 105±5 °C × 3hr
Viscosity	17,000~18,000 cps	6,400±100 cps	at 20 °C, RION VT-04
Specific gravity	1.2 g/m <sup>3</sup>		at 20 °C
Mixing ratio	1:1		By weight
Pot life	20~30 min		at 20 °C
Curing time	24 hr		at 20 °C
Shelf life	9months in unbroken package under dry and cool condition		

#### 4. How to use

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- Remove all dirt, grease, water and rust from the bonding surface before applying
- Equal parts from both can, and must be mixed thoroughly
- Apply it both surfaces by using brush, roller or spatula and join press them tightly.
- Complete adhesion appears after two days.

#### 5. Caution

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- Avoid direct rays of the sun and keep in cool and dry place.
- Use the adhesive within pot-life.
- Close the cap tightly after using it.
- Ventilation the room well because of containing solvent.
- Don't use except for the original purpose.

#### 6. Packaging

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- DE-101(A): 400g PE C/N
- DE-101(B): 400g PE C/N

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

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