

# D-5100SP

Chloroprene Rubber Adhesive



## DAEHEUNG CHEMICAL

**D-5100SP is a synthetic rubber base adhesive, which is excellent in spray able for bonding melamine sheet.**

### 1. Uses

- For bonding melamine sheet.
- For bonding particle board and plywood.
- For bonding edge part of wood working.

### 2. Characteristics

- Tack retention time is long.
- Excellent in initial bonding strength and final bonding strength.
- Excellent in blending with poly isocyanate. (Cross linking agent).
- Good spray workability.
- Excellent in heat and water resistance by blending with poly isocyanate.

### 3. Physical properties

Properties	Value
Main component	Chloroprene rubber
Color	Light yellow & viscous liquid
Solvents	Toluene & mixed solvents
Solid contents	20±1 % (at 105±5°C x 3hr)
Specific gravity	0.85±0.05 g/cm <sup>2</sup> (at 20 °C)
Open time	15~35 min (at 20 °C)
Tack retention time	30~180 min (at 20 °C)
Viscosity	350±10 cps (at 20 °C, RION VT-04 #3)
Shelf life	9months in unbroken package under dry and cool condition

### 4. How to use

- Remove all dirt, grease, water and rust from the bonding surface before applying
- Apply it both surface by using spray gun and dry 10~30 min, and joint and press then tightly

## ※ Spray method

- Spray gun (Nozzle dia): 2~3 mm
- Compressed air pressure: 3.5~5 kg/cm<sup>2</sup>
- Working distance: 60~80 cm
- Applying amount: 120~200 g/m<sup>2</sup>
- Press pressure: 5~10 kg/cm<sup>2</sup>
- Press time: 2~5 sec

## ※ By blending with poly isocyanate, (Desmodur R or RF 3 ~ 7phr).

Bonding strength and heat resistance can be improved better.

## - Mixing ratio

Adhesive D-5100SP: 100phr

Poly isocyanate (DR): 5phr

## - Result

Working life: 25~40 min (at 20 °C)

Pop life: 50 min (at 20 °C)

Heat resistance: 120~150 °C

## 5. Caution

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- Avoid direct rays of the sun and keep in cool and dry place.
- Keep out of reach of children.
- Keep it away from the fire.
- Ventilation the room well because of containing solvent.
- Don't use except for the original purpose.

## 6. Packaging

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- 15kg Tin C/N

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

**DAEHEUNG CHEMICAL CO., LTD.**

68, Sandan-ro 64beon-gil, Pyeongtaek-si,

Gyeonggi-do, Korea

**Telephone** +82-2-554-8211, +82-31-668-1424

**Facsimile** +82-2-554-8215, +82-31-668-1425

**Website** www.dhcbond.co.kr

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