



Kuo Sen Enterprise Co., Ltd.

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FOR REFERENCE ONLY

## Technical Data Sheet

# GAW9 Water-based spraying adhesive

### 1. Introduction:

GAW9 is a one-component water-based adhesive, mainly composed of emulsified synthetic rubber. GAW9 can be laminated immediately after double-sided gluing using a specially designed quick-drying method, effectively shortening the operating time. GAW9 is particularly suitable for foam lamination and other cloth... GAW9 is especially ideal for foam bonding, leather lamination, and other fabrics with breathable materials.

### 2. Feature:

- 2.1 Low odor.
- 2.2 Water-based spray adhesive.
- 2.3 Quick adhesion.
- 2.4 High initial strength.
- 2.5 High heat-resistant temperature.

### 3. Applicable:

Foam, non-woven fabrics and other breathable cloth materials

### 4. Properties:

Item	Test conditions	Data
Appearance	Eye Observation	Milky white, low viscosity liquid
Main ingredient	IR	chloroprene rubber
pH value	pH test paper	$\geq 11$
Viscosity (cps / 25°C)	Brookfield Viscometer LVT#2/30rpm	<200
Peel adhesion strength (Kg/2.5cm)	CNS 5812	>9

### 5. Usage:

- 5.1 Maintain a ventilated environment.
- 5.2 Remove dust, oil, water and other impurities from the working surface.
- 5.3 Spray the appropriate amount of adhesive evenly on both sides of the will be bonded.



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If the working surface is breathable and porous, please apply more layers of adhesives to avoid penetration. This will prevent penetration which may result in insufficient adhesion.

5.4 After spraying, pressurized lamination can be started.

5.5 It is recommended to leave the product in a ventilated area for 1 day before packing.

### 6. Precautions:

6.1 Do not dilute with water.

6.2 Not suitable for impermeable materials, e.g. metal, plastic, etc.

6.3 GAW9 is an alkaline solution, do not contact with skin and eyes, In case of accidental contact and discomfort, rinse with plenty of water and seek medical attention.

6.4 Workable time for laminating will depend on the spraying conditions, ventilation and weather conditions, please adjust according to the actual situation.

6.5 This product can be wiped with water before drying, after drying, please wipe with organic solvents (toluene, acetone) to remove.

6.6 GAW9 products should not be stored at temperatures below 5°C. if it is below 5°C, the adhesive will harden and cannot be restored to its original state.

6.7 Please keep this product in a cool and ventilated place (25°C) and keep it away from direct sunlight.