QINGDAO SANHUAN COLORCHEM CO., LTD.

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TECHNICAL DATA SHEET

PVB(Polyvinyl Butyral)

1. Product Characteristic

PVB resins can be divided into different levels according to their molecular weight and degree of acetalization.

2. Main Standard and Prosperities:

Product Name: PVB(Polyvinyl Butyral)

CAS: 63148-65-2

EINECS No.:272-808-3

MF:C4H6O2

Appearance: Tiny, free-flowing white powder

3. Technical Specifications:

Item	PVB SHL-28B	PVB SHD-20
Volatile content（wt%）	≤2	≤2
Non volatile content（wt%）	≥98.0	≥98.0
Butyral content（wt%）	76-85	76-85
Acetate content（wt%）	≤3.0	≤3.0
Hydroxyl Content（wt%）	12-17	12-17
10% viscosity （Mpa,s）	9-14	15-22
Free acid	≤0.5	≤0.5

4. Recommended Uses:

1) Coating adhesive (increase adhesivity, anticorrosive/shop primer, baked enamel, wash primer, paint and coating, used for various base;

2) Ink adhesive;

3) The whiteboard ink adhesive;

4) Textile printing and non-woven adhesive;

5) Engineering ceramic and other ceramics;

6) Organic pigment wetting agent.

5. Product’ s main characteristics:

1. Low viscosity PVB resin that is suitable for flexo and gravure printing, has good adhesion to polyolefins, metal, cellulose acetate, polyester, cellophane paper, polyamide and polystyrene film;

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2. Low viscosity PVB resin as the foundation of the printing ink shows a low solvent resistance, good liquidity, good waterproof, which could be independently used as the basic resin, and could be used together with alcohol soluble nitrocellulose, acetone condensation resin, alkyd resin, maleic resin and other natural polymer;

3. Dissolve under normal temperature (25 ℃), the dissolution time is 30 minutes or less, this characteristic has greatly increased the ink’ s solubility;

4. Low viscosity PVB resin has good wettability and pigment dispersion;

5. Non-toxic, tasteless, odorless, no aromatic element, no heavy metal, no plasticizer, is the first choice of resin for environment friendly printing ink.

6. Storage:

Under a dry and cool (25 ℃ or less) condition, the product can be stored for at least 12 months if sealed in original packaging.

7. Preventive measures:

during the operation process of dissolving, appropriate take safety measures,

and prevent electrostatic.