QINGDAO SANHUAN COLORCHEM CO., LTD.

17 FLOOR, YUHENG BUILDING, NO.170
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TECHNICAL DATA SHEET

PVB(Polyvinyl Butyral)

1. Product Characteristic

PVB is Polyvinyl Butyral. It is a alcohol –soluble thermoplastic resin.

2. Main Standard and Prosperities:

Product Name: PVB(Polyvinyl Butyral)

CAS: 63148-65-2

EINECS No.:272-808-3

MF:C4H6O2

Appearance: white powder

Package: 12.5kg/bag,7.2-7.3MT per 20ft container(no pallet).

3. Technical Specifications:

Item	PVB SH1-3	PVB SH1-4	PVB SH1-5	PVB SH1-10
VISCOSITY (mpa.s)	30-40	35-60	60-90	160-280
VOLATILE CONTENT（%）	≤3.0	≤3.0	≤3.0	≤3.0
FREE ACID（wt%）	≤1	≤1	≤1	≤1
BUTYRAL CONTENT（wt%）	5～7	5～7	5～7	5～7
HYDROXYL CONTENT（wt%）	18-24	18-24	18-24	18-24
ACETATE CONTENT （wt%）	≤3.0	≤3.0	≤3.0	≤3.0

Note: viscosity--10wt% in Ethanol 94% solution at 20 degree.

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4. Application:

<1>Transparent material

<2>Coating:(1) wood coatings;(2) metal paints;(3) metal primer;(4) metal foil paint;(5) vacuum plating coating with steam;(6) concrete c oatings;(7) waterproof coating;(8) leather coating;(9) the varnish pro tected coatings;(10) powder coatings;(11) the casting coatings

<3>Adhesive: (1) the glass adhesive(2) metal bonding(3) enameled wire circle of bo nding(4) heat sealing adhesives(5) with trademark printing adhesive(6) get sticky film(7) pressure sensitive type adhesives(8) type hot me lt adhesives(9) other adhesives

<4>In fiber processing applications: (1) Topcoated;(2) fiber treating agent;(3) Fabric of printing and dyein g;(4) Other resin finishing Parts

<5>ther areas of application: (1) reflex sexual thin adhesive;(2)Dye transfer ink ribbon;(3) the rec ording tape coatings;(4) the printing paper label pottery;(5) ink man ufacture;(6) the wood processing;(7) the coated fabric;(8) informatio n recording materials;(9) corrosion wash coating;(10) auto surface re paired

<6>The application of several typical industry: (1) Porcelain of paper with film;(2) safety glass;(3) electronic adhesiv e;(4) copper clad aluminum foil with glue;(5) self-adhesive paint