



CASBond VALUE PLUS

A synthetic resin based ready to use general purpose adhesive in wood working application.

- Water based
- Wood works adhesive

AREA OF APPLICATION

CASBond VALUE PLUS is highly recommended for assembling and repairing all kind of wood elements; heavy wood, light wood, cork carpentry, cardboard and paper. Flat bonding, manufacture of doors and windows and high speed gluing operations in the furniture industry. It can also be used for finger jointing, edge bonding cold or hot pressing of decorative laminations, wood veneers to wood or plywood, synthetic asbestos boards, chip boards, block boards.

INSTRUCTION FOR USE

The surfaces to be bonded should be free from oil, grease, dust, dirt and should be dry & properly levelled. Apply a thin regular layer of CASBond VALUE PLUS on one of the surfaces by brush or roller. For heavy wood, the glue should be applied on both surfaces. Join the two parts within the open time (approx. 10 min, depending on the temperature, humidity and type of wood used).press for 30 minutes(pressure can be given by using nails, clamps, weight ,masking tape etc., applying a pressure of 2 to 5 kg/cm².To get best result ,bonded surfaces are to be kept under pressure for 24 hrs.

STORAGE & HANDLING

CASBond VALUE PLUS should be stored inside warehouse in the original, unopened and undamaged containers in a dry place between 5 - 25°C.

It must be protected from frost and sunlight during storage.

12 months in unopened container in dry and cool environment.

PHYSICAL PROPERTIES

Appearance	White viscous adhesive
Clarity	Opaque (Dry)
Viscosity, cps	35000 – 55000
Solid content, %	42 – 47
pH	6.0 – 7.0
Density, kg/L	1.0 – 1.2

INDUSTRIAL SAFETY AND ENVIRONMENTAL PROTECTION

Not a hazardous substance or preparation within the meaning of the current Hazardous Materials Regulations.

Prolonged contact calls for use of gloves and other protective gear, as the presence of minute amounts of various solvents present in the adhesive may lead to irritation. Direct intake of vapor from the adhesive for a long time, may also cause uneasiness. The work area should be properly ventilated and smoking is not advised in the work areas.

OTHER INFORMATION

The information contained herein is based in the present state of our knowledge. However, no warranty, express or implied is given. Regulatory requirements are subject to change and may differ at various locations. It is the buyer's responsibility to ensure that it activates comply with federal, state or provincial and local law.



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Material Safety Data Sheet

CASBond Value Plus

SECTION 1. IDENTIFICATION OF THE PRODUCT AND COMPANY

- 1.1 Product Identification:
1.2 Company Identification:

SECTION 2. COMPOSITION/INFORMATION OF INGREDIENTS

COMPONENT	CAS NO.	EINECS	PERCENT	PHRASES
Water	7732-18-5	231-791-2	1 – 5	
Polyvinyl Acetate Homopolymer	9003-20-7		25 - 30	
Dibutyl phthalate	84-74-2	201-557-4	1 – 5	R50-61-62
Calcium Carbonate	471-34-1	207-439-9	5 - 10	R36-37-38 S26-27-36-37-39

SECTION 3. HAZARD IDENTIFICATION

- 3.1 Information pertaining to particular dangers for man and environment:
 Safe water based product.
 Avoid contact with skin or eyes.
 Harmful if swallowed.
 This material is non-corrosive to all body tissues.

SECTION 4. FIRSTAID MEASURE

- 4.1 Inhalation:
 Move to fresh air. Get medical attention for any breathing difficulty.
- 4.2 Ingestion:
 Obtain immediate medical attention, if swallowed.
- 4.3 Skin Contact:
 Wash exposed area with soap and water.
- 4.4 Eye Contact
 Wash thoroughly with running water. Keeping eyes wide open and seek medical advice.

SECTION 5. FIRE FIGHTING MEASURE

- 5.1 Media suitable for extinguishing:
 Use water and other suitable extinguishing media.
- 5.2 Special exposure hazards arising from the substance or preparation itself, its combustion product, or released gases:
 In the event of fire the following can be released: Smoke, irritating vapor, Carbon Monoxide (CO) and Carbon Dioxide (CO₂).
- 5.3 Special protective equipment for firefighters:
 Wear self-contained breathing apparatus and protective suit.
- 5.4 Further information:
 In the event of fire, Approach fire from upwind side. Avoid breathing smoke, fumes, mist, or vapors on the downwind side.

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SECTION 6. ACCIDENTAL RELEASE MEASURE

6.1 Personal precautions:

Ensure adequate ventilation. Wear personal protective equipment.

6.2 Environment precautions:

Do not discharge into drains / surface water / groundwater.

6.3 Methods for cleaning up:

Soak up with inert absorbent material (e.g. sand, sawdust). Collect spilled materials in suitable containers and dispose of according to Section 13.

SECTION 7. HANDLING & STORAGE

7.1 Handling:

Observe the usual precautions when handling chemicals. Ensure good exhaust and ventilation at work place. Avoid prolong contact with skin and eyes.

7.2 Storage:

Avoid exposing from direct sunlight and heat. Keep containers tightly closed and store between 18-25°C. Containers, which are previously opened, must be carefully resealed and kept upright to prevent leakage. Keep in a cool, dry and well-ventilated place.

SECTION 8. EXPOSURE CONTROL/PERSONAL PROTECTION

8.1 Occupational exposure controls:

Avoid contact with skin and eyes. Do not breathe vapors. Avoid repeated exposure. Wear suitable protective equipment. Hold eye wash fountain available. Hold emergency shower available. Remove soiled or soaked clothing immediately. Clean skin thoroughly after work.

At work do not eat, drink, smoke or take drugs. Keep away from food, drink and animal feeding stuffs. Keep and wash working clothes separately.

8.2 Hand protection:

Rubber type gloves.

8.3 Eye protection:

Safety goggles.

8.4 Skin and body protection:

Clothing as usual in the chemical industry.

SECTION 9. STABILITY & REACTIVITY

9.1 Condition to avoid:

Stable under normal condition.

9.2 Material to avoid:

Keep away from heat sources.

9.3 Hazardous decomposition products:

Upon combustion Smoke, Irritating vapor, Carbon Monoxide and Carbon Dioxide are formed.

SECTION 10. PHYSICAL PROPERTIES

10.1 General Information:

Appearance:	White Viscous liquid
Color:	White
Odor:	Mild



Material Safety Data Sheet

SECTION 10. PHYSICAL PROPERTIES (continued)

10.2 Important health safety and environmental information:

Flash point:	Non-flammable
Auto ignition temperature:	Not established
Vapor pressure:	Not established
Vapor density:	Not established
Viscosity, cps:	35000 -50000 (S6, 20 rpm, 25 °C)
Solid content, % wt:	28 – 33
Boiling point:	Not established
Freezing/melting point:	Not established
Evaporation rate:	Not established
Solubility in water:	Soluble

SECTION 11. TOXICOLOGICAL INFORMATION

Long term exposure to this product has no chronic and acute effects to human.

SECTION 12. ECOLOGICAL INFORMATION

12.1 Eco-toxicity:	No data available
12.2 Mobility:	No data available
12.3 Persistence / Degradability:	No data available
12.4 Bio-accumulative potential:	No data available
12.5 Other adverse effects:	No data available

SECTION 13. DISPOSAL CONSIDERATION

13.1 Product (Recommendation):

The product is not classified as a hazardous waste. The product can be coagulated and separated from the aqueous phase for landfill or incineration.

13.2 Used packaging (Recommendation):

Wash empty packaging. They can be reuse after thorough and proper cleaning.

13.3 Cleaning agent (Recommendation):

Water.

SECTION 14. TRANSPORT REGULATION

14.1 Land transport (ADR/RID):	Not regulated
14.2 Sea transport (IMDG):	Not regulated
14.3 Air transport (ICAO/IATA):	Not regulated

SECTION 15. REGULATORY INFORMATION

The product does not require a hazard-warning label in accordance with EC Directives/the relevant national laws.

SECTION 16. OTHER INFORMATION

16.1 Disclaimer of expressed and implied warranties:

The information in this MSDS is believed to be correct as of the date issued. Manufacturer makes No warranties, expressed or implied, including, but not limited to, any implied warranty of merchantability of fitness for a particular purpose or course of performance or usage of trade. User is responsible for determining whether the Manufacturer product is fit for a particular purpose and suitable for user's method of use or application.