

## MATERIAL SAFETY DATA SHEET

MSDS Name: **Titebond Original Wood Glue**

MSDS Number: 5067

Revision Date: 19/05/06

### SECTION 1 - CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Name: Titebond Original Wood Glue

CAS Number: None

HMIS Hazard Rating: Health: 1 Fire: 1 Reactivity: 0

Product Class: Aliphatic Resin Emulsion

Product Use: Wood glue

Product Code: 2213

### SECTION 2 - COMPOSITION AND INFORMATION ON INGREDIENTS

Hazardous Ingredients: CAS Number: Percent:

Product contains no hazardous ingredients or they are below reportable levels. OSHA PELs & ACGIH TLVs are listed in Section 8 where applicable.

### SECTION 3 - HAZARD IDENTIFICATION

Emergency Overview: Yellow coloured waterbased adhesive. Slippery in the wet state.

Routes of Entry:

Ingestion: Yes Inhalation: Yes

Skin: Yes Eye: Yes

**INHALATION:** Vapours and/or aerosols which may be formed at elevated temperatures may be irritating to eyes and respiratory tract. No reported incidents of adverse health effects resulting from inhalation of vapours at room temperature.

**INGESTION:** No hazard expected in normal industrial use. Ingestion is not a likely route of exposure.

**SKIN:** Prolonged or repeated skin contact can cause irritation.

**EYE:** Substance may cause moderate eye irritation.

**MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE:** None identified.

**Carcinogenicity:** IARC: No NTP: No OSHA: No

**Reproductive Toxicity:** This product has not been evaluated for reproductive toxicity.

### SECTION 4 - FIRST AID MEASURES

**INHALATION:** Remove patient to fresh air, if discomfort persists seek medical attention.

**INGESTION:** Call poison control centre immediately. Follow their specific instructions. Do not induce vomiting.

**SKIN:** Wash with soap and water. Contact a physician if irritation develops or persists.

**EYE:** Hold eyelids apart and flush with plenty of water for at least 15 minutes. Seek medical attention.

### SECTION 5 - FIRE-FIGHTING MEASURES

Flammability Class (OSHA): IIIB

Flash Point: Not Applicable

Explosive Range: Not Applicable

Extinguishing Media: Use alcohol foam, carbon dioxide, water spray, or ABC dry chemical when fighting fires involving this product.

**HAZARDOUS COMBUSTION PRODUCTS:** Oxides of carbon.

**FIRE FIGHTING PROCEDURES:** Wear a NIOSH approved self-contained breathing apparatus.

### SECTION 6 - ACCIDENTAL RELEASE MEASURES

**CONTAINMENT TECHNIQUES:** Use inert absorbent to dike the spill. Keep away from drains.

**CLEAN-UP:** If possible pump liquid into an approved container or spread absorbent over spill and shovel product/absorbent mixture into an approved container. If product has dried scrape up and place in an approved container.

### SECTION 7 - HANDLING AND STORAGE

**HANDLING:** Empty drums should be completely drained, properly bunged and promptly returned to a reconditioned, or properly disposed of. Use only in well ventilated area.

**STORAGE:** Keep from freezing. Store at temperatures between 50 F and 90 F.

**PRECAUTIONARY STATEMENT:** Keep out of the reach of children.

### SECTION 8 - EXPOSURE CONTROLS AND PERSONAL PROTECTION

Occupational Exposure Limits: ACGIH TLV ACGIH TLV-C ACGIH STEL  
OSHA STEL OSHA PEL

**ENGINEERING CONTROLS:** Use local exhaust as needed to maintain occupational exposure limits.

## SECTION 8 - EXPOSURE CONTROLS AND PERSONAL PROTECTION(Continued)

**OTHER:**Facilities storing or utilizing any chemical should be equipped with an eyewash facility and a safety shower.

**RESPIRATORY PROTECTION:** Where exposure limits may be exceeded select a NIOSH approved respirator with appropriate Protection Factor and cartridge for the specific contaminants. Follow requirements for respiratory protection in OSHA 1910.134.

**EYE PROTECTION:** Chemical splash goggles (ANSI Z87.1 or approved equivalent).

**SKIN PROTECTION:** Where skin contact can occur, wear impervious gloves.

## SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

<b>Form:</b>	Liquid	<b>Appearance/Color:</b>	Yellow
<b>Odor:</b>	Mild	<b>Solubility (in water):</b>	Dispersible in water
<b>pH Value:</b>	4.8	<b>Boiling Range/Point:</b>	210.øF
<b>Evaporation Rate:</b>	Slower than n-Butyl Acetate	<b>% Volatile:</b>	54.1%
<b>Specific Gravity:</b>	1.10	<b>VOC:</b>	10.7 g/l

## SECTION 10 - STABILITY AND REACTIVITY

<b>Stability:</b>	This product is stable
<b>Hazardous Polymerization:</b>	Hazardous polymerization will not occur
<b>CONDITIONS TO AVOID:</b>	None.
<b>INCOMPATIBILITY:</b>	Strong acids and bases.
<b>HAZARDOUS DECOMPOSITION PRODUCTS:</b>	Oxides of carbon may be released during combustion.

## SECTION 11 - TOXICOLOGICAL INFORMATION

Acute and chronic health effects are not expected as long as good industrial hygiene and safety precautions are followed.

## SECTION 12 - ECOLOGICAL INFORMATION

This formulation has not been tested for environmental effects.

## SECTION 13 - DISPOSAL CONSIDERATIONS

**WASTE DISPOSAL:** Disposal of this product must comply with all applicable federal, state and local regulations.

**CONTAINER DISPOSAL:** Disposal of this container should comply with all applicable federal, state and local regulations.

## SECTION 14 - TRANSPORT INFORMATION

<b>UN Number:</b>	None	<b>UN Pack Group:</b>	N/A
<b>UN Class:</b>	Nonhazardous	<b>ICAO/IATA Class:</b>	Nonhazardous
<b>IMDG Class:</b>	Nonhazardous	<b>Shipping Name:</b>	Nonhazardous

Packaging may not be approved for shipping by air. Please contact Franklin International for further information.

## SECTION 15 - REGULATORY INFORMATION

**TSCA (Toxic Substances Control Act Inventory):**

All components of this product are listed on the TSCA inventory except as exempted.

**PENNSYLVANIA:**

Non-hazardous components required to be listed at 3% or more:

Polyvinyl acetate emulsion 9003-20-7; Polyvinyl alcohol 25213-24-5

**NEW JERSEY:**

Polyvinyl acetate emulsion 9003-20-7; Water 7732-18-5; Polyvinyl alcohol 25213-24-5; Petroleum hydrocarbon 64741-89-5; trade secret 80100233-5015p

## SECTION 16 - OTHER INFORMATION

**DISCLAIMER:** While the information and recommendations set forth herein are believed to be accurate as of the data hereof, Franklin International makes no warranty, express or implied, with respects thereto and disclaim all liability from reliance thereon.

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