

Franklin International

MATERIAL SAFETY DATA SHEET

MSDS Name: TITEBOND II PREMIUM WOOD GLUE
MSDS Number: 5002
Version Number: 001
MSDS Date: 011499
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SECTION I - CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Name: TITEBOND II PREMIUM WOOD GLUE
CAS Number: NONE
Hazard Rating: Health: 1 Fire: 0 Reactivity: 0

Company Identification: Franklin International
2020 Bruck Street
Columbus OH 43207

Contact: Franklin Technical Services
Telephone/Fax: (800) 877-4583 (614) 445-1493
Emergency Phone (24 Hour): Franklin Security
(614) 445-1300
Chemtrec (24 Hour): (800) 424-9300

Product Class: CROSSLINK POLYVINYL ACETATE
Product Code: 4999

Division: Construction Adhesives & Sealants

SECTION II - COMPOSITION, INFORMATION ON INGREDIENTS

Hazardous Ingredients	CAS Number	Percent
This product contains no hazardous ingredients or they are under trade secret.		

OSHA PELs & ACGIH TLVs are listed in Section VIII where applicable.
All components of this product are listed on the TSCA inventory except as exempted.

SECTION III - HAZARD IDENTIFICATION

EMERGENCY OVERVIEW:
Cream colored liquid. Non-Flammable. Slippery in the wet state.

ROUTES OF ENTRY:
INHALATION: Yes
INGESTION: No
SKIN: No
EYE: Yes

INHALATION:
May cause headaches and dizziness.
Vapors and/or aerosols which may be formed at elevated temperature may be irritating to eyes and respiratory tract.
No reported incidents of adverse health affects resulting from inhalation of vapors at room temperature.

INGESTION:
No hazard expected in normal industrial use. Do not eat, drink or smoke around chemicals. Follow good hygiene practices.

SKIN:
Prolonged or repeated skin contact can cause irritation.
Will not be absorbed through skin.

EYE:
Substance may cause moderate eye irritation.

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE:
None identified.

CARCINOGENICITY:

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IARC: No
NTP: No
OSHA: No

TARGET ORGANS:
Eyes, skin, and respiratory tract.

SECTION IV - FIRST AID MEASURES

INGESTION:
Call poison control center immediately. Follow their specific instructions.

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 V - FIRE-FIGHTING MEASURES

Flammability Class (OSHA) IIIB
Flash Range: Not Applicable
Explosive Range: Not Applicable

EXTINGUISHING MEDIA:
Water if product has dried.

HAZARDOUS COMBUSTION PRODUCTS:
Oxides of carbon and monomer may be released during combustion.

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

SECTION VI - ACCIDENTAL RELEASE MEASURES

CONTAINMENT TECHNIQUES:
Use suitable absorbent to dike the spill.

CLEAN-UP:
If possible pump liquid into an approved container or spread absorbent over spill and shovel (use non-sparking equipment) product/absorbent mixture into an approved container. If product has dried, scrape up and place in an approved container.

EMERGENCY MEASURES:
None required.

SECTION VII - HANDLING & STORAGE

HANDLING:
Wash thoroughly after handling.
Open container in well ventilated area.
Empty drums should be completely drained, properly bunged and promptly returned to a reconditioner, or properly disposed of.
Wash hands before eating.
Remove contaminated clothing and wash before reuse.
Use only in well ventilated area.

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Follow all MSDS/label precautions even after container is emptied.
Containers may retain product residues and vapors.
Avoid prolonged or repeated contact with the skin.
Avoid breathing vapors from heated material.

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

PRECAUTIONARY STATEMENT:
Keep out of the reach of children.

SECTION VIII - EXPOSURE CONTROLS/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.
Maintain standard plant ventilation.

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

RESPIRATORY PROTECTION:
Where exposure limits are exceeded select a NIOSH/MSHA approved respirator with appropriate Protection Factor and cartridge for the specific containments. Follow requirements for respiratory protection in OSHA 1910.134.

EYE PROTECTION:
Wear splashproof safety eye protection if splashing or misting of product may occur.

SKIN PROTECTION:
Where repeated or prolonged contact can occur, wear impervious gloves.

SECTION IX - PHYSICAL & CHEMICAL PROPERTIES

Form: Liquid
Appearance/Color: Cream
Odor: Mild
Solubility (in water): Dispersible in water
pH Value: 3.
Boiling Range: 210.°F
Evaporation Rate: Faster than n-Butyl Acetate

% Volatile 52.%
Specific Gravity: 1.09
VOC (California Rule 1168) 13.7 g/l

SECTION X - STABILITY & REACTIVITY

Stability: This product is stable
Hazardous Polymerization: Hazardous polymerization will not occur

CONDITIONS TO AVOID:
None.

INCOMPATIBILITY:
Strong acids and bases.

HAZARDOUS DECOMPOSITION PRODUCTS:
Oxides of carbon and monomer may be released during combustion.

SECTION XI - TOXICOLOGICAL INFORMATION

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

SECTION XII - ECOLOGICAL INFORMATION

This formulation has not been tested for environmental effects.

SECTION XIII - 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 XIV - TRANSPORT INFORMATION

UN Number	NOI
UN Pack Group	N/A
UN Class	N/A
ICAO/IATA Class	NON HAZARDOUS (*SEE NOTE)
IMDG Class	NON HAZ.
Shipping Name	TITEBOND II

* Packaging is not approved for shipping by air. Please contact Franklin International for further information.

SECTION XV - REGULATORY INFORMATION

PENNSYLVANIA:

Special hazardous components required to be listed at .01% or more: formaldehyde; formaldehyde; 50-00-0

Non-hazardous components required to be listed at 3% or more: polyvinyl acetate emulsion 113408-93-8; polyvinyl alcohol 25213-24-5

NEW JERSEY:

polyvinyl acetate emulsion 113408-93-8; water 7732-18-5; aluminum chloride 7784-13-6; polyvinyl alcohol 25213-24-5; n-methylolacrylamide 924-42-5

SECTION XVI - OTHER INFORMATION

REVISION SUMMARY:

MSDS revised to follow 16 section format.

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 respect thereto and disclaims all liability from reliance thereon.
