

# Franklin International

## MATERIAL SAFETY DATA SHEET

MSDS Name: Titebond III Ultimate Wood Glue  
 MSDS Number: 1417  
 Revision Date: 7/6/07

### SECTION 1 - CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Name: Titebond III Ultimate Wood Glue  
 CAS Number: none  
 HMIS Hazard Rating: Health: 1 Fire: 1 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  
 Chemtrec International: (703) 527-3887

Product Class: crosslink polyvinyl acetate  
 Product Use: waterproof wood glue  
 Product Code: 56192

Division: Construction Adhesives & Sealants

### SECTION 2 - COMPOSITION AND INFORMATION ON INGREDIENTS

| Hazardous Ingredients | CAS Number | Percent |
|-----------------------|------------|---------|
| GLYCOL ETHER DB       | 112-34-5   | 2.00    |

OSHA PELs & ACGIH TLVs are listed in Section 8 where applicable.

### SECTION 3 - HAZARD IDENTIFICATION

#### EMERGENCY OVERVIEW:

Tan colored water-based adhesive. Slippery in the wet state.

#### ROUTES OF ENTRY:

INHALATION: Yes

SKIN: No

EYE: Yes

INGESTION: Yes

#### INHALATION:

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.

#### SKIN:

Prolonged or repeated skin contact can cause irritation.

#### EYE:

Substance may cause moderate eye irritation.

#### MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE:

Preexisting skin and respiratory conditions.

## CARCINOGENICITY:

IARC: No

NTP: No

OSHA: No

## REPRODUCTIVE TOXICITY:

This product has not been evaluated for reproductive toxicity.

## TARGET ORGANS:

Eyes and skin.

## SECTION 4 - FIRST AID MEASURES

## INHALATION:

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

## 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 5 - FIRE-FIGHTING MEASURES

|                           |                |
|---------------------------|----------------|
| Flammability Class (OSHA) | IIIB           |
| Flash Point:              | > 200 F        |
| 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 reconditioner, or properly disposed of.

Use only in well ventilated area.

## STORAGE:

Keep from freezing. Store at temperatures between 40F and 75F.

## PRECAUTIONARY STATEMENT:

For industrial use only.

## SECTION 8 - EXPOSURE CONTROLS AND PERSONAL PROTECTION

## Occupational Exposure Limits

|                 | ACGIH TLV | ACGIH TLV-C | ACGIH STEL | OSHA STEL | OSHA PEL |
|-----------------|-----------|-------------|------------|-----------|----------|
| GLYCOL ETHER DB | N/est     | N/est       | N/est      | N/est     | N/est    |

## ENGINEERING CONTROLS:

Use local exhaust as needed to maintain occupational exposure limits.

## 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

|                        |                             |
|------------------------|-----------------------------|
| Form:                  | Liquid                      |
| Appearance/Color:      | Tan                         |
| Odor:                  | Mild                        |
| Solubility (in water): | Soluble in water            |
| pH Value:              | 2.5 - 3.5 0.                |
| Boiling Range/Point:   | 210.øF                      |
| Evaporation Rate:      | Slower than n-Butyl Acetate |
| % Volatile:            | 48.%                        |
| Specific Gravity:      | 1.11                        |
| VOC:                   | 5.6 g/l                     |

## SECTION 10 - STABILITY AND REACTIVITY

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

## INCOMPATIBILITY:

Strong acids and bases.

## HAZARDOUS DECOMPOSITION PRODUCTS:

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

|                 |              |
|-----------------|--------------|
| UN Number       | None         |
| UN Pack Group   | N/A          |
| UN Class        | Nonhaz       |
| ICAO/IATA Class | Nonhazardous |
| IMDG Class      | Nonhazardous |
| Shipping Name   | nonhazardous |

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

SECTION 15 - REGULATORY INFORMATION

SARA TITLE III SECTION 313:

This product contains the following toxic chemicals subject to the reporting requirements of Section 313 of the Emergency Planning and Community Right to Know Act of 1986 and of 40 CFR 372:

| Chemical Name   | CAS Number | Percent |
|-----------------|------------|---------|
| GLYCOL ETHER DB | 112-34-5   | 2.00    |

TSCA (Toxic Substances Control Act Inventory):

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

PENNSYLVANIA:

Patent pending. For further information contact Franklin International.

NEW JERSEY:

Patent pending. For further information contact Franklin International.

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 respect thereto and disclaims all liability from reliance thereon.