

# Franklin International

## MATERIAL SAFETY DATA SHEET

MSDS Name: Titebond Multi-Purpose 100% Silicone Clear

MSDS Number: 2611

Revision Date: 8/11/05

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### SECTION 1 - CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Name: Titebond Multi-Purpose 100% Silicone Clear

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: silicone elastomer

Product Use: caulk sealant

Product Code: Not applicable

Division: Construction Adhesives & Sealants

### SECTION 2 - COMPOSITION AND INFORMATION ON INGREDIENTS

Hazardous Ingredients	CAS Number	Percent
methyltriacetoxysilane	4253-34-3	2.00
ethyltriacetoxsilane	17689-77-9	2.00

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

### SECTION 3 - HAZARD IDENTIFICATION

#### EMERGENCY OVERVIEW:

CAUTION: IRRITANT. Direct contact with uncured caulk irritates eyes and skin. Overexposure to vapor may irritate eyes, nose and throat. Caulk may release acetic acid vapor (vinegar-like odor) during cure. Fully cured caulk is nonhazardous. KEEP OUT OF THE REACH OF CHILDREN.

Material is a paste-like material that can be of various colors.

ROUTES OF ENTRY:

Inhalation: yes  
Ingestion: yes  
Skin: no  
Eye: yes

INHALATION:

May be irritating to upper respiratory tract.

INGESTION:

Ingestion is not a probable route of exposure. Single dose oral toxicity is considered to be extremely low. No hazard expected from swallowing small amounts incidental to normal handling operations. Ingestion may cause gastrointestinal irritation.

SKIN:

Prolonged or repeated skin contact may cause moderate irritation.

EYE:

Substance may cause moderate eye irritation.

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE:

None identified.

CARCINOGENICITY:

IARC: No

NTP: No

OSHA: No

REPRODUCTIVE TOXICITY:

None currently known.

TARGET ORGANS:

Eyes, skin, and respiratory tract.

SECTION 4 - FIRST AID MEASURES

INHALATION:

Remove to fresh air. If difficulty persists, seek medical attention.

INGESTION:

Call poison control center immediately. Follow their specific instructions.

SKIN:

Wash with soap and water or waterless cleaner. Contact a physician if irritation develops or persist.

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.øF  
Tag Closed Cup  
Explosive Range: Not applicable

EXTINGUISHING MEDIA:

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

FIRE FIGHTING PROCEDURES:

Wear a NIOSH approved self contained breathing apparatus. Wear appropriate personal protective equipment. Product will not burn but may spatter if temperature exceeds boiling point of water. After water evaporates, remaining material will burn.

SECTION 6 - ACCIDENTAL RELEASE MEASURES

CONTAINMENT TECHNIQUES:

Use inert absorbent to dike the spill. Keep away from drains.

CLEAN-UP:

Spread absorbent over material and scrape up material/absorbent and place in an approved container. If product has dried scrape up and place in an approved container.

SECTION 7 - HANDLING AND STORAGE

HANDLING:

Wash thoroughly after handling. Do not get material in eyes. Avoid breathing vapors. Avoid prolonged or repeated contact with the skin.

STORAGE:

Store in a cool, dry place. Avoid contact with moist air.

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
methyltriacetoxysilane	N/est	N/est	N/est	N/est	N/est
ethyltriacetoxsilane	N/est	N/est	N/est	N/est	N/est

Note: Product evolves acetic acid (CAS# 64-19-7) when exposed to moisture or humid air. The ACGIH TLV for acetic acid is 10.00 ppm with a 15-minute STEL of 15 ppm. The OSHA PEL for acetic acid is 10.00 ppm.

ENGINEERING CONTROLS:

Use appropriate ventilation 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:

Respiratory protection is not expected to be necessary under normal use. 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: Paste  
Appearance/Color: Translucent  
Odor: Acetic acid  
Solubility (in water): Nil  
pH Value: Not Available  
Boiling Range/Point: Not Available  
Evaporation Rate: Slower than n-Butyl Acetate

% Volatile: < 5  
Specific Gravity: 1.03  
VOC: 32.0 g/l

SECTION 10 - STABILITY AND REACTIVITY

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

CONDITIONS TO AVOID:

None known.

INCOMPATIBILITY:

Water or damp air; product cures in the presence of moisture. Avoid oxidizing materials.

HAZARDOUS DECOMPOSITION PRODUCTS:

Acetic acid is released on hydrolysis.

SECTION 11 - TOXICOLOGICAL INFORMATION

Inhalation of Acetic Acid vapor is irritating to the eyes and respiratory system. Direct and prolonged contact with the skin is irritating.

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

TSCA (Toxic Substances Control Act Inventory):

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

PENNSYLVANIA:

Nonhazardous components required to be listed at 3% or more:

amorphous silica 7631-86-9; polydimethylsiloxane 63148-62-9

NEW JERSEY:

fumed amorphous silica 7631-86-9; methyltriacetoxysilane 4153-34-3;

ethyltriacetoxysilane 17689-77-9; polydimethylsiloxane 63148-62-9;

dimethyl siloxane, hydroxy-terminated 70131-67-8

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.