

Franklin International

MATERIAL SAFETY DATA SHEET

MSDS Name: Titebond All Siding White

MSDS Number: 3301

Revision Date: 6/14/04

SECTION 1 - CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Name: Titebond All Siding White
 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: elastomeric sealant
 Product Use: caulk
 Product Code: 3301

Division: Construction Adhesives & Sealants

SECTION 2 - COMPOSITION AND INFORMATION ON INGREDIENTS

Hazardous Ingredients	CAS Number	Percent
mineral spirits	8052-41-3	2.00
ethylene glycol	107-21-1	1.00

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

SECTION 3 - HAZARD IDENTIFICATION**EMERGENCY OVERVIEW:**

CAUTION: IRRITANT. Contains ethylene glycol. Product is of varying colors. Slippery in the wet state.

ROUTES OF ENTRY:

Ingestion: Yes
 Inhalation: Yes

Skin: Yes

Eye: Yes

INHALATION:

High vapor concentrations may produce headache, dizziness, and nausea. Inhalation of dust generated from dried product may cause respiratory irritation.

INGESTION:

Ingestion is not a probable route of exposure. Harmful if swallowed.

SKIN:

Prolonged or repeated skin contact can cause mild irritation.

EYE:

Mildly irritating to eyes.

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE:

Pre-existing skin disorders.

CARCINOGENICITY:

IARC: No

NTP: No

OSHA: No

REPRODUCTIVE TOXICITY:

None anticipated based on product formula. Ethylene glycol may cause birth defects based on tests with laboratory animals.

TARGET ORGANS:

Eyes and skin.

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. 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: > 200.øF

Method not available

Explosive Range: Not Applicable

EXTINGUISHING MEDIA:

Water, water fog, CO2, dry chemical, foam.

HAZARDOUS COMBUSTION PRODUCTS:

Oxides of carbon may be released during combustion.

FIRE FIGHTING PROCEDURES:

Use water spray or fog to cool fire exposed containers. Closed containers may explode when exposed to extreme heat.

SECTION 6 - ACCIDENTAL RELEASE MEASURES

CONTAINMENT TECHNIQUES:

Use suitable absorbent to contain the spill.

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:

Do not get material in eyes.

Use only in well ventilated area.

Avoid prolonged or repeated contact with the skin.

STORAGE:

Keep from freezing.

Store in a cool, dry place.

SECTION 8 - EXPOSURE CONTROLS AND PERSONAL PROTECTION

Occupational Exposure Limits

	ACGIH TLV	ACGIH TLV-C	ACGIH STEL	OSHA STEL	OSHA PEL
mineral spirits	100.00 PPM	N/est	N/est	N/est	500.00 PPM
ethylene glycol	100.00 mg/M3	100.00 mg/M3	N/est	N/est	N/est

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 repeated or prolonged contact can occur, wear chemical resistant gloves.

SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

Form: Paste
Appearance/Color: White
Odor: Mild acrylic
Solubility (in water): Yes
pH Value: 8.0
Boiling Range/Point: 212.0°F
Evaporation Rate: Slower than n-Butyl Acetate

% Volatile: 18.0%
Specific Gravity: 1.46
VOC: 52.0 g/l

SECTION 10 - STABILITY AND REACTIVITY

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

CONDITIONS TO AVOID:

Heat, sparks, open flame.

INCOMPATIBILITY:

Strong oxidizing agents.

HAZARDOUS DECOMPOSITION PRODUCTS:

Carbon monoxide and/or carbon dioxide.

SECTION 11 - TOXICOLOGICAL INFORMATION

Adverse health effects are not expected from normal use of this product. The following is toxicological information for individual components.

Ethylene glycol can irritate the eyes and skin. Prolonged overexposure via inhalation can cause pulmonary edema plus liver and kidney damage. The central nervous system may be affected exhibiting dizziness, weakness, nausea and headache. Brain damage has resulted in humans from swallowing lethal or near lethal amounts of ethylene glycol. Ethylene glycol causes birth defects in experimental animals. Tests for carcinogenicity in experimental animals are negative.

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

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
ethylene glycol	107-21-1	1.00

TSCA (Toxic Substances Control Act Inventory):

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

PENNSYLVANIA:

Hazardous components required to be listed at 1% or more:

calcium carbonate 1317-65-3

ethylene glycol; 1,2-ethanediol; 107-21-1

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

benzoate ester 27138-31-4

NEW JERSEY:

calcium carbonate 1317-65-3; ethylene glycol 107-21-1, benzoate ester 27138-31-4; isopropyl alcohol 67-63-0; titanium dioxide 13463-67-7

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.