

Franklin International

MATERIAL SAFETY DATA SHEET

MSDS Name: Titebond Solvent Free Cove Base Adhesive
MSDS Number: 3406
Revision Date: 9/21/07

SECTION 1 - CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Name: Titebond Solvent Free Cove Base Adhesive
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: Solvent Free adhesive
Product Use: cove base adhesive
Product Code: 3638

Division: Construction Adhesives & Sealants

SECTION 2 - COMPOSITION AND INFORMATION ON INGREDIENTS

Hazardous Ingredients	CAS Number	Percent
ethylene glycol	107-21-1	1.60
DIETHYLETHANOLAMINE (DEEA)	100-37-8	1.23

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

SECTION 3 - HAZARD IDENTIFICATION

EMERGENCY OVERVIEW:

CAUTION: EYE AND SKIN IRRITANT. Contains ethylene glycol and DEEA.
Beige colored mastic with mild odor. Slippery in the wet state.

ROUTES OF ENTRY:

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

INHALATION:

No hazard in normal industrial use.

INGESTION:

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

SKIN:

Prolonged or repeated skin contact can cause 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.

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) III B

Flash Point: > 200 F

Setaflash

Explosive Range: Not Applicable

EXTINGUISHING MEDIA:

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

HAZARDOUS COMBUSTION PRODUCTS:

Oxides of carbon may be released during combustion.

FIRE FIGHTING PROCEDURES:

Wear a NIOSH approved self contained breathing apparatus. Wear appropriate personal protective equipment.

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:

Do not get material in eyes.

Wash hands before eating.

Avoid prolonged or repeated contact with the skin.

STORAGE:

Keep from freezing.

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
ethylene glycol	100.00 mg/M3	100.00 mg/M3	N/est	N/est	N/est
DIETHYLETHANOLAMINE (DEEA)	10.00 PPM	N/est	N/est	N/est	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:

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:	mastic
Appearance/Color:	beige
Odor:	mild
Solubility (in water):	miscible
pH Value:	6.0 - 8.0
Boiling Range/Point:	212.0F
Evaporation Rate:	Slower than n-Butyl Acetate
% Volatile:	26.0%
Specific Gravity:	1.38
VOC:	28.0 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:

Strong oxidizing agents, acids and bases.

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

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
ethylene glycol	107-21-1	1.60

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:

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

crystalline silica; quartz; 14808-60-7

kaolin clay; kaolin; 1332-58-7

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

water 7732-18-5; vinyl acrylic polymer mixture; dipropylene

glycol dibenzoate 27138-31-4, vinyl acetate/ethylen copolymer emulsion mixture

NEW JERSEY:

vinyl acrylic polymer mixture; clay 1332-58-7; crystalline silica

14808-60-7; dipropylene glycol dibenzoate 27138-31-4; vinyl

acetate/ethylene copolymer emulsion mixture

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.