

Franklin International

MATERIAL SAFETY DATA SHEET

MSDS Name: Titebond Solvent Free Indoor/Outdoor Carpet & Tile Adhesive

MSDS Number: 5145

Revision Date: 6/14/04

SECTION 1 - CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Name: Titebond Solvent Free Indoor/Outdoor
Carpet & Tile 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: Polymer emulsion

Product Use: adhesive

Product Code: 6300

Division: Construction Adhesives & Sealants

SECTION 2 - COMPOSITION AND INFORMATION ON INGREDIENTS

Hazardous Ingredients	CAS Number	Percent
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diethylene glycol	111-46-6	1.18
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OSHA PELs & ACGIH TLVs are listed in Section 8 where applicable.

SECTION 3 - HAZARD IDENTIFICATION

EMERGENCY OVERVIEW:

Beige, light bodied mastic. Mild odor. Extremely sticky in the wet state.

ROUTES OF ENTRY:

Ingestion: Yes

Inhalation: Yes

Skin: Yes

Eye: Yes

INHALATION:

May be irritating to upper respiratory tract.

INGESTION:

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

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:

Target organs: eyes, skin, and respiratory system.

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) IIIIB

Flash Point: > 200 F
Setaflash

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 may be released during combustion.

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.

EMERGENCY MEASURES:

Isolate hazard area. Keep unnecessary and unprotected personnel from entering area. Wear all appropriate personal protection equipment (PPE) (see Section 8).

SECTION 7 - HANDLING AND STORAGE

HANDLING:

Follow all MSDS/label precautions even after container is emptied.

Containers may retain product residues.

Wash hands before eating.

Avoid prolonged or repeated contact with the skin.

STORAGE:

Keep from freezing.

SECTION 8 - EXPOSURE CONTROLS AND PERSONAL PROTECTION

Occupational Exposure Limits

	ACGIH TLV	ACGIH TLV-C	ACGIH STEL	OSHA STEL	OSHA PEL
diethylene glycol	N/est	N/est	N/est	N/est	N/est

ENGINEERING CONTROLS:

Use local exhaust as needed to maintain occupational exposure limits.

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:	Mastic
Appearance/Color:	Beige
Odor:	Mild
Solubility (in water):	Miscible
pH Value:	8.7
Boiling Range/Point:	212.øF

Evaporation Rate: Slower than n-Butyl Acetate
% Volatile: 34.8%
Specific Gravity: 0.98
VOC: 14 g/l

SECTION 10 - STABILITY AND REACTIVITY

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

CONDITIONS TO AVOID:

None.

INCOMPATIBILITY:

None known.

SECTION 11 - TOXICOLOGICAL INFORMATION

Diethyl glycol is moderately toxic to humans by ingestion. Poison experimentally by inhalation. Moderately toxic by ingestion and intravenous routes. Questionable carcinogen with experimental carcinogenic, tumorigenic, and teratogenic data. An eye and human skin irritant.

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:

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

clay; kaolin; 1332-58-7

diethylene glycol; ethanol, 2,2'-oxybis; 111-46-6

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

water 7732-18-5; acrylic polymer emulsion 68698-67-9; hydrocarbon resin, mixture; polymerized rosin 65997-05-9; mineral oil 64742-52-5; styrene-butadiene latex 9003-55-8

NEW JERSEY:

clay 1332-58-7; water 7732-18-5; hydrocarbon resin, mixture; acrylic polymer emulsion 68698-67-9; styrene-butadiene latex 9003-55-8

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.