

# Franklin International MATERIAL SAFETY DATA SHEET

MSDS Name: Ace Multipurpose Ceramic Tile Adhesive  
MSDS Number: 32205

Revision Date: 110600  
Page Number: 1 of 4

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## SECTION 1 - CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Name: Ace Multipurpose Ceramic 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: latex  
Product Use: ceramic tile adhesive  
Product Code: 3436

Division: Construction Adhesives & Sealants

## SECTION 2 - COMPOSITION AND INFORMATION ON INGREDIENTS

Hazardous Ingredients	CAS Number	Percent
ethylene glycol	107-21-1	5.00
STODDARD SOLVENT	8052-41-3	5.00

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

## SECTION 3 - HAZARD IDENTIFICATION

### EMERGENCY OVERVIEW:

Off-white, light bodied mastic. Mild solvent odor. Extremely sticky in the wet state.

### ROUTES OF ENTRY:

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

### INHALATION:

Avoid breathing vapor or mists. Inhalation of mists or vapors may cause mild respiratory irritation.

### 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: Yes, crystalline silica  
NTP: Yes, crystalline silica  
OSHA: No

### REPRODUCTIVE TOXICITY:

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

### TARGET ORGANS:

Prolonged or repeated overexposure may cause eye, skin, respiratory system, central nervous system, liver, and kidney damage.

## SECTION 4 - FIRST AID MEASURES

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# Franklin International MATERIAL SAFETY DATA SHEET

MSDS Name: Ace Multipurpose Ceramic Tile Adhesive  
MSDS Number: 32205

Revision Date: 110600  
Page Number: 2 of 4

-----

## 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 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:

Incomplete combustion can yield low molecular weight hydrocarbons, carbon monoxide and nitrogen compounds.

## 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.

### 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:

Wash thoroughly after handling.  
Keep lid closed when not in use.  
Use only in well ventilated area.

### STORAGE:

Avoid temperature extremes in 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	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
STODDARD SOLVENT	100.00 PPM	N/est	N/est	N/est	500.00 PPM

### ENGINEERING CONTROLS:

Use local exhaust as needed to maintain occupational exposure limits.

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# Franklin International MATERIAL SAFETY DATA SHEET

MSDS Name: Ace Multipurpose Ceramic Tile Adhesive  
MSDS Number: 32205

Revision Date: 110600  
Page Number: 3 of 4

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## 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:	Mastic
Appearance/Color:	Off-white
Odor:	Slight solvent
Solubility (in water):	Miscible
pH Value:	7.8
Boiling Range/Point:	> 200 F
Evaporation Rate:	Slower than n-Butyl Acetate
% Volatile:	34.%
Specific Gravity:	1.38
VOC:	48 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.

## HAZARDOUS DECOMPOSITION PRODUCTS:

Nitrogen compounds.

## 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. Stoddard solvent can cause mild skin and eye irritation. Overexposure via inhalation can cause respiratory irritation and central nervous system effects. Stoddard solvent can enter the lungs during swallowing or vomiting and cause lung inflammation and chemical pneumonitis. Based on available information, stoddard solvent cannot be classified with respect to carcinogenicity.

## 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.

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# Franklin International MATERIAL SAFETY DATA SHEET

MSDS Name: Ace Multipurpose Ceramic Tile Adhesive  
MSDS Number: 32205

Revision Date: 110600  
Page Number: 4 of 4

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## 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	5.00

### 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:

styrenated acrylic resin; benzene, ethenyl-; 100-42-5  
ethylene glycol; 1,2-ethanediol; 107-21-1  
calcium carbonate; limestone; 1317-65-3  
stoddard solvent; stoddard solvent; 8052-41-3  
triethanolamine; ethanol, 2,2',2'-nitrilotris-; 102-71-6

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

wood rosin (no CAS#); styrene-butadiene rubber 9003-55-8; water 7732-18-5

#### NEW JERSEY:

calcium carbonate 1317-65-3; styrenated acrylic resin 100-42-5; wood rosin no CAS#; styrene butadiene rubber 9003-55-8; water 7732-18-5

## 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.

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