

# **Safety Data Sheet**

**Titebond TiteGrab Wall Adhesive** 

### **Section 1. Identification**

GHS product identifier Physical state	<ul><li>Titebond TiteGrab Wall Adhesive</li><li>Liquid.</li></ul>
Address	: Franklin International 2020 Bruck Street Columbus OH 43207
Contact person	: Franklin Technical Services
Telephone	: (800) 877-4583
In case of emergency	: Franklin Security (614) 445-1300
e-mail address of person responsible for this SDS	: SDS@FranklinInternational.com
Product code	: 6701A
Date of revision	: 5/22/2019
Safety Data Sheets are available online at	: www.FranklinInternational.com
Chemtrec (24 Hour)	: (800) 424 - 9300
Chemtrec International	: (703) 527 - 3887
Chemical family	: Adhesive.

Relevant identified uses of the substance or mixture and uses advised against

Not applicable.

## Section 2. Hazards identification

OSHA/HCS status	<ul> <li>This material is considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200).</li> </ul>
Classification of the substance or mixture	<ul> <li>EYE IRRITATION - Category 2A SKIN SENSITIZATION - Category 1 TOXIC TO REPRODUCTION (Fertility) - Category 1B TOXIC TO REPRODUCTION (Unborn child) - Category 1B SPECIFIC TARGET ORGAN TOXICITY (REPEATED EXPOSURE) (skin) (dermal) - Category 2</li> </ul>
	Percentage of the mixture consisting of ingredient(s) of unknown acute oral toxicity: 3% Percentage of the mixture consisting of ingredient(s) of unknown acute dermal toxicity: 30.5% Percentage of the mixture consisting of ingredient(s) of unknown acute inhalation toxicity: 30.5%
GHS label elements	
Hazard pictograms	
Signal word	: Danger

Substance/mixture

### Section 2. Hazards identification

Hazard statements	: Causes serious eye irritation.
nuzura statements	May cause an allergic skin reaction.
	May damage fertility or the unborn child.
	May cause damage to organs through prolonged or repeated exposure in contact with
	skin. (skin)
Precautionary statements	
Prevention	: Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Wear protective gloves. Wear eye or face protection. Wear protective clothing. Do not breathe vapor. Wash hands thoroughly after handling. Contaminated work clothing must not be allowed out of the workplace.
Response	: Get medical attention if you feel unwell. IF exposed or concerned: Get medical attention. IF ON SKIN: Wash with plenty of soap and water. Wash contaminated clothing before reuse. If skin irritation or rash occurs: Get medical attention. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical attention
Storage	: Store locked up.
Disposal	: Dispose of contents and container in accordance with all local, regional, national and international regulations.
Supplemental label elements	: Avoid contact with skin and clothing. Wash thoroughly after handling.
Hazards not otherwise classified	: Prolonged or repeated contact may dry skin and cause irritation.

## Section 3. Composition/information on ingredients

-	Mixture

Ingredient name	%	CAS number
calcium carbonate	≥25 - ≤50	471-34-1
trimethoxyvinylsilane	≤5	2768-02-7
crystalline silica, respirable powder	≤1	14808-60-7

Any concentration shown as a range is to protect confidentiality or is due to batch variation.

There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment and hence require reporting in this section.

Occupational exposure limits, if available, are listed in Section 8.

### Section 4. First aid measures

Description of necessary f	st aid measures
Eye contact	<ul> <li>Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Continue to rinse for at least 10 minutes. Get medical attention.</li> </ul>
Inhalation	: Remove victim to fresh air and keep at rest in a position comfortable for breathing. If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. Get medical attention. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband.
Skin contact	: Wash skin thoroughly with soap and water or use recognized skin cleanser. Remove contaminated clothing and shoes. Wash contaminated clothing thoroughly with water before removing it, or wear gloves. Continue to rinse for at least 10 minutes. Get medical attention. In the event of any complaints or symptoms, avoid further exposure. Wash clothing before reuse. Clean shoes thoroughly before reuse.

## Section 4. First aid measures

Ingestion	Wash out mouth with water. Remove dentures if any. Remove victim to fresh air and keep at rest in a position comfortable for breathing. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Stop if the exposed person feels sick as vomiting may be dangerous. Do not induce vomiting unless directed to do so by medical personnel. If vomiting occurs, the head should be kept low so that vomit does not enter the lungs. Get medical attention. Never give anything by mouth to an unconscious person. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband.	
Most important symptoms/		
Potential acute health effe		
Eye contact	: May cause eye irritation.	
Inhalation	: No known significant effects or critical hazards.	
Skin contact	<ul> <li>Defatting to the skin. May cause skin dryness and irritation. May cause an allergic skin reaction.</li> </ul>	
Ingestion	: No known significant effects or critical hazards.	
Over-exposure signs/sym	<u>ptoms</u>	
Eye contact	: Adverse symptoms may include the following: pain or irritation watering redness	
Inhalation	: Adverse symptoms may include the following: reduced fetal weight increase in fetal deaths skeletal malformations	
Skin contact	: Adverse symptoms may include the following: irritation redness dryness cracking reduced fetal weight increase in fetal deaths skeletal malformations	
Ingestion	: Adverse symptoms may include the following: reduced fetal weight increase in fetal deaths skeletal malformations	
Indication of immediate me	dical attention and special treatment needed, if necessary	
Notes to physician	<ul> <li>Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.</li> </ul>	
Specific treatments	: No specific treatment.	
Protection of first-aiders	: No action shall be taken involving any personal risk or without suitable training. If it is suspected that fumes are still present, the rescuer should wear an appropriate mask or self-contained breathing apparatus. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. Wash contaminated clothing thoroughly with water before removing it, or wear gloves.	

See toxicological information (Section 11)

### Section 5. Fire-fighting measures

Extinguishing media	
Suitable extinguishing media	: Use an extinguishing agent suitable for the surrounding fire.
Unsuitable extinguishing media	: None known.
Specific hazards arising from the chemical	: In a fire or if heated, a pressure increase will occur and the container may burst.
Hazardous thermal decomposition products	<ul> <li>Decomposition products may include the following materials: carbon dioxide carbon monoxide metal oxide/oxides</li> </ul>
Special protective actions for fire-fighters	<ul> <li>Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training.</li> </ul>
Special protective equipment for fire-fighters	: Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

### Section 6. Accidental release measures

Personal precautions, protect	tive equipment and emergency procedures
For non-emergency personnel	: No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilled material. Avoid breathing vapor or mist. Provide adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Put on appropriate personal protective equipment.
For emergency responders	: If specialized clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".
Environmental precautions	: Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).
Methods and materials for co	ntainment and cleaning up
Small spill	: Stop leak if without risk. Move containers from spill area. Dilute with water and mop up if water-soluble. Alternatively, or if water-insoluble, absorb with an inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor.
Large spill	: Stop leak if without risk. Move containers from spill area. Approach release from upwind. Prevent entry into sewers, water courses, basements or confined areas. Wash spillages into an effluent treatment plant or proceed as follows. Contain and collect spillage with non-combustible, absorbent material e.g. sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations (see Section 13). Dispose of via a licensed waste disposal contractor. Contaminated absorbent material may pose the same hazard as the spilled product. Note: see Section 1 for emergency contact information and Section 13 for waste disposal.

### Section 7. Handling and storage

#### Precautions for safe handling

Protective measures	: Put on appropriate personal protective equipment (see Section 8). Persons with a history of skin sensitization problems should not be employed in any process in which this product is used. Avoid exposure - obtain special instructions before use. Avoid exposure during pregnancy. Do not handle until all safety precautions have been read and understood. Do not get in eyes or on skin or clothing. Do not breathe vapor or mist. Do not ingest. If during normal use the material presents a respiratory hazard, use only with adequate ventilation or wear appropriate respirator. Keep in the original container or an approved alternative made from a compatible material, kept tightly closed when
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### Section 7. Handling and storage

		not in use. Empty containers retain product residue and can be hazardous. Do not reuse container.	
Advice on general occupational hygiene	:	: Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures.	
Conditions for safe storage, including any incompatibilities	:	Store between the following temperatures: -1 to 60°C (30.2 to 140°F). Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Store locked up. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabeled containers. Use appropriate containment to avoid environmental contamination. See Section 10 for incompatible materials before handling or use.	

## Section 8. Exposure controls/personal protection

#### **Control parameters**

#### **Occupational exposure limits**

Ingredient name		Exposure limits	
calcium carbonate trimethoxyvinylsilane crystalline silica, respirable powder		<ul> <li>NIOSH REL (United States, 10/2016). TWA: 5 mg/m<sup>3</sup> 10 hours. Form: Respirable fraction TWA: 10 mg/m<sup>3</sup> 10 hours. Form: Total None.</li> <li>OSHA PEL Z3 (United States, 6/2016). TWA: 250 mppcf / (%SiO2+5) 8 hours. Form: Respirable TWA: 10 mg/m<sup>3</sup> / (%SiO2+2) 8 hours. Form: Respirable OSHA PEL (United States, 5/2018). TWA: 50 µg/m<sup>3</sup> 8 hours. Form: Respirable dust ACGIH TLV (United States, 3/2018). TWA: 0.025 mg/m<sup>3</sup> 8 hours. Form: Respirable fraction NIOSH REL (United States, 10/2016). TWA: 0.05 mg/m<sup>3</sup> 10 hours. Form: respirable dust OSHA PEL 1989 (United States, 3/1989). Notes: as quartz TWA: 0.1 mg/m<sup>3</sup>, (as quartz) 8 hours. Form: Respirable dust</li> </ul>	
Appropriate engineering controls	local exhaust ven	generate dust, fumes, gas, vapor or mist, use process enclosures, tilation or other engineering controls to keep worker exposure to nants below any recommended or statutory limits.	
Environmental exposure controls	: Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation. In some cases, fume scrubbers, filters or engineering modifications to the process equipment will be necessary to reduce emissions to acceptable levels.		
ndividual protection meas	ures		
Hygiene measures	eating, smoking a Appropriate techr Contaminated wo contaminated clo	earms and face thoroughly after handling chemical products, before and using the lavatory and at the end of the working period. hiques should be used to remove potentially contaminated clothing. ork clothing should not be allowed out of the workplace. Wash thing before reusing. Ensure that eyewash stations and safety e to the workstation location.	
Eye/face protection	: Safety eyewear complying with an approved standard should be used when a risk assessment indicates this is necessary to avoid exposure to liquid splashes, mists, gases or dusts. If contact is possible, the following protection should be worn, unless the assessment indicates a higher degree of protection: chemical splash goggles.		
Skin protection			
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## Section 8. Exposure controls/personal protection

Hand protection	: Chemical-resistant, impervious gloves complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary. Considering the parameters specified by the glove manufacturer, check during use that the gloves are still retaining their protective properties. It should be noted that the time to breakthrough for any glove material may be different for different glove manufacturers. In the case of mixtures, consisting of several substances, the protection time of the gloves cannot be accurately estimated.
Body protection	: Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.
Other skin protection	: Appropriate footwear and any additional skin protection measures should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.
Respiratory protection	: Based on the hazard and potential for exposure, select a respirator that meets the appropriate standard or certification. Respirators must be used according to a respiratory protection program to ensure proper fitting, training, and other important aspects of use.

### Section 9. Physical and chemical properties

<u>Appearance</u>	
Physical state	: Liquid. [Paste.]
Color	: White.
Odor	: Acrylic.
Odor threshold	: Not available.
рН	Not applicable.
Melting point	: Not available.
Boiling point	: Not available.
Flash point	: Closed cup: >100°C (>212°F)
Evaporation rate	: >1 (butyl acetate = 1)
VOC (less water, less exempt solvents)	: 4 g/l
	Not available.
Relative density	: 1.54
Solubility	: Insoluble in the following materials: cold water and hot water.

## Section 10. Stability and reactivity

: No specific test data related to reactivity available for this product or its ingredients.
: The product is stable.
: Under normal conditions of storage and use, hazardous reactions will not occur.
: exposure to heat and high temperature
: Strong oxidizer
: carbon dioxide, carbon monoxide, nitrogen oxides, metal oxide/oxides, Ammonia., Formaldehyde., and/or Monomer for acrylic polymers.

## Section 11. Toxicological information

#### Information on toxicological effects

#### Acute toxicity

Product/ingredient name	Result	Species	Dose	Exposure
calcium carbonate	LD50 Oral	Rat	6450 mg/kg	-

#### Irritation/Corrosion

Product/ingredient name	Result	Species	Score	Exposure	Observation
calcium carbonate	Eyes - Severe irritant	Rabbit	-	24 hours 750 Micrograms	-
	Skin - Moderate irritant	Rabbit	-	24 hours 500 milligrams	-
trimethoxyvinylsilane	Eyes - Mild irritant	Rabbit	-	24 hours 500 milligrams	-
	Skin - Mild irritant	Rabbit	-	24 hours 500 milligrams	-

#### Conclusion/Summary

Skin

: Prolonged or repeated contact can defat the skin and lead to irritation, cracking and/or dermatitis.

: Inhalation of oil mist or vapors at elevated temperatures may cause respiratory irritation.

Eyes

- : This product may irritate eyes upon contact.
- Respiratory

#### Sensitization

Not available.

#### **Mutagenicity**

Not available.

#### **Carcinogenicity**

Not available.

#### **Classification**

Product/ingredient name	OSHA	IARC	NTP
crystalline silica, respirable powder	-	1	Known to be a human carcinogen.

#### Reproductive toxicity

Not available.

#### Teratogenicity

Not available.

#### Specific target organ toxicity (single exposure)

Not available.

#### Specific target organ toxicity (repeated exposure)

Name		Route of exposure	Target organs
Titebond TiteGrab Wall Adhesive	Category 2	Skin	skin
calcium carbonate	Category 2	Inhalation	Not determined
crystalline silica, respirable powder	Category 1	Inhalation	lungs

#### Aspiration hazard

Not available.

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## Section 11. Toxicological information

Information on the likely routes of exposure	: Routes of entry anticipated: Oral, Dermal, Inhalation.
Potential acute health effect	ts
Eye contact	: May cause eye irritation.
Inhalation	: No known significant effects or critical hazards.
Skin contact	: Defatting to the skin. May cause skin dryness and irritation. May cause an allergic skin reaction.
Ingestion	: No known significant effects or critical hazards.
Symptoms related to the ph	ysical, chemical and toxicological characteristics
Eye contact	: Adverse symptoms may include the following: pain or irritation watering redness
Inhalation	: Adverse symptoms may include the following: reduced fetal weight increase in fetal deaths skeletal malformations
Skin contact	: Adverse symptoms may include the following: irritation redness dryness cracking reduced fetal weight increase in fetal deaths skeletal malformations
Ingestion	: Adverse symptoms may include the following: reduced fetal weight increase in fetal deaths skeletal malformations
Delayed and immediate effe	ects and also chronic effects from short and long term exposure
Short term exposure	
Potential immediate effects	: Not available.
Potential delayed effects	: Not available.
Long term exposure	
Potential immediate effects	: Not available.
Potential delayed effects	: Not available.
Potential chronic health ef	<u>fects</u>
Not available.	
General	<ul> <li>May cause damage to organs through prolonged or repeated exposure in contact with skin. Prolonged or repeated contact can defat the skin and lead to irritation, cracking and/or dermatitis. Once sensitized, a severe allergic reaction may occur when subsequently exposed to very low levels.</li> </ul>
Carcinogenicity	: No known significant effects or critical hazards.
Mutagenicity	: No known significant effects or critical hazards.
Teratogenicity	: May damage the unborn child.
<b>Developmental effects</b>	: No known significant effects or critical hazards.
Fertility effects	: May damage fertility.
Numerical measures of toxi	<u>city</u>
Acute toxicity estimates	
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## Section 11. Toxicological information

Not available.

## Section 12. Ecological information

#### **Toxicity**

Product/ingredient name	Result	Species	Exposure
calcium carbonate	Acute LC50 >56000 ppm Fresh water Chronic NOEC 61 mg/g Fresh water	Fish - Gambusia affinis - Adult Fish - Oncorhynchus mykiss - Juvenile (Fledgling, Hatchling, Weanling)	96 hours 28 days

#### Persistence and degradability

Not available.

#### **Bioaccumulative potential**

Not available.

#### Mobility in soil

Soil/water partition	: Not available.

coefficient (Koc)

Other adverse effects : No known significant effects or critical hazards.

### Section 13. Disposal considerations

**Disposal methods** 

: The generation of waste should be avoided or minimized wherever possible. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Waste should not be disposed of untreated to the sewer unless fully compliant with the requirements of all authorities with jurisdiction. Waste packaging should be recycled. Incineration or landfill should only be considered when recycling is not feasible. This material and its container must be disposed of in a safe way. Care should be taken when handling emptied containers that have not been cleaned or rinsed out. Empty containers or liners may retain some product residues. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.

### Section 14. Transport information

Classification	Classification	Classification	ADR/RID	IMDG	
JN3077	UN3077	UN3077	UN3077	UN3077	UN3077
Environmentally nazardous substance, solid, n.o.s. (dibutylbis (pentane- 2,4-dionato-O, D')tin)	Environmentally hazardous substance, solid, n.o.s. (dibutylbis (pentane- 2,4-dionato-O, O')tin)	Environmentally hazardous substance, solid, n.o.s. (dibutylbis (pentane- 2,4-dionato-O, O')tin)	Environmentally hazardous substance, solid, n.o.s. (dibutylbis (pentane- 2,4-dionato-O, O')tin)	Environmentally hazardous substance, solid, n.o.s. (dibutylbis (pentane- 2,4-dionato-O, O')tin)	Environmentally hazardous substance, solid, n.o.s. (dibutylbis (pentane- 2,4-dionato-O, O')tin)
	IN3077 Invironmentally azardous ubstance, olid, n.o.s. dibutylbis pentane- ,4-dionato-O,	IN3077 UN3077 invironmentally azardous ubstance, olid, n.o.s. dibutylbis centane- ,4-dionato-O, UN3077 Environmentally hazardous substance, solid, n.o.s. (dibutylbis centane- 2,4-dionato-O,	JN3077UN3077UN3077Invironmentally azardous ubstance, olid, n.o.s. dibutylbis ,4-dionato-O,Environmentally hazardous substance, solid, n.o.s. (dibutylbis (pentane- 2,4-dionato-O,Environmentally hazardous substance, solid, n.o.s. (dibutylbis (pentane- 2,4-dionato-O,	JN3077UN3077UN3077UN3077Invironmentally azardous ubstance, olid, n.o.s. dibutylbis ,4-dionato-O,Environmentally hazardous substance, solid, n.o.s.Environmentally hazardous substance, solid, n.o.s. (dibutylbis (pentane- 2,4-dionato-O,Environmentally hazardous substance, solid, n.o.s. (dibutylbis (pentane- 2,4-dionato-O,Environmentally hazardous substance, solid, n.o.s. (dibutylbis (pentane- 2,4-dionato-O,	JN3077UN3077UN3077UN3077UN3077Invironmentally azardous ubstance, olid, n.o.s. dibutylbis (dibutylbis (4-dionato-O, 4-dionato-O,Environmentally hazardous substance, solid, n.o.s.Environmentally hazardous substance, solid, n.o.s. (dibutylbis (pentane- 2,4-dionato-O,Environmentally hazardous substance, solid, n.o.s.Environmentally hazardous substance, solid, n.o.s. (dibutylbis (pentane- 2,4-dionato-O,Environmentally hazardous substance, solid, n.o.s. (dibutylbis (pentane- 2,4-dionato-O,Environmentally hazardous substance, solid, n.o.s. (dibutylbis (pentane- 2,4-dionato-O,Environmentally hazardous substance, solid, n.o.s. (dibutylbis (pentane- 2,4-dionato-O,Environmentally hazardous substance, solid, n.o.s. (dibutylbis (pentane- 2,4-dionato-O,Environmentally hazardous substance, solid, n.o.s. (dibutylbis (pentane- 2,4-dionato-O,

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Titebond TiteGrab Wall	Auriesive						
Section 14. Transport information							
Transport hazard class(es)	9	>	9	9	9	9	9 ••••••••••••••••••••••••••••••••••••
Packing group				111		111	ш
Environmental hazards	No.		No.	No.	No.	No.	No.
Additional inform	ation						
TDG Classificati	on	<b>R</b> : P G N tr	rovisions of §§ 173 emarks Limited q roduct classified a boods Regulations: on-bulk packages ansported by road emarks Limited q	uantity s per the followin : 2.43-2.45 (Class of this product a or rail.	ng sections of the s 9), 2.7 (Marine	pollutant mark).	Ū
Mexico Classification : The environmentally hazardous substance mark is not required when transporte sizes of ≤5 L or ≤5 kg. <u>Remarks</u> Limited quantity					transported in		
ADR/RID	<ul> <li>This product is not regulated as a dangerous good when transported in sizes of ≤5 L o ≤5 kg, provided the packagings meet the general provisions of 4.1.1.1, 4.1.1.2 and 4.1.1.4 to 4.1.1.8.</li> <li>Remarks Limited quantity</li> </ul>						
IMDG	<ul> <li>This product is not regulated as a dangerous good when transported in sizes of ≤ sizes ≤ 5 kg, provided the packagings meet the general provisions of 4.1.1.1, 4.1.1.2 and 4.1.1.4 to 4.1.1.8.</li> <li><u>Remarks</u> Limited quantity</li> </ul>						
ΙΑΤΑ		≤	his product is not r 5 kg, provided the .0.2.8.				
Special precaution	ns for user	u	ransport within u pright and secure. vent of an acciden	Ensure that pers			

### Section 15. Regulatory information

#### **U.S. Federal regulations**

#### SARA 302/304

#### Composition/information on ingredients

No products were found.

SARA 304 RQ SARA 311/312 : Not applicable.

Classification : EYE IRRITATION - Category 2A SKIN SENSITIZATION - Category 1 TOXIC TO REPRODUCTION (Fertility) - Category 1B TOXIC TO REPRODUCTION (Unborn child) - Category 1B SPECIFIC TARGET ORGAN TOXICITY (REPEATED EXPOSURE) (skin) (dermal) -Category 2 HNOC - Defatting irritant

#### Composition/information on ingredients

Name	%	Classification
calcium carbonate ≥25 - ≤50		SKIN IRRITATION - Category 2
		EYE IRRITATION - Category 2A
		CARCINOGENICITY - Category 1A
		SPECIFIC TARGET ORGAN TOXICITY (REPEATED
		EXPOSURE) (inhalation) - Category 2
trimethoxyvinylsilane	≤5	FLAMMABLE LIQUIDS - Category 3
		EYE IRRITATION - Category 2A
crystalline silica, respirable	≤1	CARCINOGENICITY (inhalation) - Category 1A
powder		SPECIFIC TARGET ORGAN TÓXICITY (REPEATED
		EXPOSURE) (lungs) (inhalation) - Category 1

#### State regulations Massachusetts

 The following com	nononte aro lie			
 The following con	iponents are ils	ieu. CALCIUN	I CARDUNATE,	MARDLE DUST

New York New Jersey

- : None of the components are listed.
- : The following components are listed: CALCIUM CARBONATE; LIMESTONE; SILICA, QUARTZ; QUARTZ (SiO2)
  - : The following components are listed: LIMESTONE; QUARTZ DUST; QUARTZ

### California Prop. 65

**Pennsylvania** 

This product does not require a Safe Harbor warning under California Prop. 65.

### International regulations

### Chemical Weapon Convention List Schedules I, II & III Chemicals

Not listed.

### Montreal Protocol

Not listed.

Stockholm Convention on Persistent Organic Pollutants Not listed.

### **UNECE Aarhus Protocol on POPs and Heavy Metals**

Not listed.

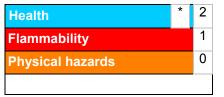
### Inventory list

China : A	Il components are listed or exempted.
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United States TSCA 8(b) : All components are listed or exempted. inventory

## Section 16. Other information

Hazardous Material Information System (U.S.A.)



Caution: HMIS® ratings are based on a 0-4 rating scale, with 0 representing minimal hazards or risks, and 4 representing significant hazards or risks. Although HMIS® ratings and the associated label are not required on SDSs or products leaving a facility under 29 CFR 1910.1200, the preparer may choose to provide them. HMIS® ratings are to be used with a fully implemented HMIS® program. HMIS® is a registered trademark and service mark of the American Coatings Association, Inc.

The customer is responsible for determining the PPE code for this material. For more information on HMIS® Personal Protective Equipment (PPE) codes, consult the HMIS® Implementation Manual.

National Fire Protection Association (U.S.A.)



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Copyright ©2001, National Fire Protection Association, Quincy, MA 02269. This warning system is intended to be interpreted and applied only by properly trained individuals to identify fire, health and reactivity hazards of chemicals. The user is referred to certain limited number of chemicals with recommended classifications in NFPA 49 and NFPA 325, which would be used as a guideline only. Whether the chemicals are classified by NFPA or not, anyone using the 704 systems to classify chemicals does so at their own risk.

Procedure used to derive the classification

	Justification		
EYE IRRITATION - Categor SKIN SENSITIZATION - Ca TOXIC TO REPRODUCTIO TOXIC TO REPRODUCTIO SPECIFIC TARGET ORGAN Category 2	Expert judgment Expert judgment Expert judgment Expert judgment Expert judgment		
<u>History</u>			
Date of printing	: 6/3/2019		
Date of issue/Date of revision	: 5/22/2019		
Date of previous issue	: 2/27/2019		
Version	: 3.01		
Key to abbreviations	: ATE = Acute Toxicity Estimate BCF = Bioconcentration Factor GHS = Globally Harmonized System of Classification and Labelling of Chemicals IATA = International Air Transport Association IBC = Internediate Bulk Container IMDG = International Maritime Dangerous Goods LogPow = logarithm of the octanol/water partition coefficient MARPOL = International Convention for the Prevention of Pollution From Ships, 1973 as modified by the Protocol of 1978. ("Marpol" = marine pollution)		

### Section 16. Other information

UN = United Nations

#### References

: Not available.

**V** Indicates information that has changed from previously issued version.

#### Notice to reader

To the best of our knowledge, the information contained herein is accurate. However, neither the above-named supplier, nor any of its subsidiaries, assumes any liability whatsoever for the accuracy or completeness of the information contained herein.

Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.