

# SAFETY DATA SHEET



## Texrite Ceramabond MBFS

As of date: 2020

### Section 1 Product Description

**Product Name:** Ceramabond MBFS  
**Recommended Use:** Latex-polymer, fast drying ceramic tile and stone adhesive  
**Synonyms:** Fast set thin-set, Fast drying dry-set mortar

**Manufacturer:** Texas Cement Products, dba Texrite  
4000 Pinemont, Houston, Texas 77018, USA  
713-682-8411  
www.texrite.com

**General Phone Number:** 713-682-8411 (8am-3pm, CST, M-F)  
**General Fax Number:** 713-688-2488

### Section 2 Hazards Identification

Classification of the chemical in accordance with paragraph (d) of 1910.1200;



Signal Word: Danger

GHS Class: Serious Eye Damage/Eye Irritation, Category 1,  
Skin Corrosion/Irritation, Category 2  
Skin Sensitizer/Allergic skin reaction, Category 1  
Carcinogen/May cause cancer if inhaled, Category 1A,  
May cause respiratory irritation, STOT SE3  
Damage to organs through prolonged or repeated exposure if inhaled, STOT RE1

Hazard Statements: H100s = General, H200s = Physical, H300s = Health, H400s = Environmental

H302 -Harmful if swallowed.  
H315 -Causes skin irritation.  
H317 -May cause an allergic skin reaction.  
H318 -Causes serious eye damage.  
H319 -Causes serious eye irritation.  
H335 -May cause cancer if inhaled.  
H350.A -May cause respiratory irritation.  
H372.A - Causes damage to organs through prolonged or repeated exposure if inhaled.

Precautionary Statements: P201 -Obtain special instructions before use.  
P202 -Do not handle until all safety precautions have been read and understood.  
P260.B -Do not breathe dust.  
P264.3 -Wash skin thoroughly after handling.  
P270 -Do not eat, drink or smoke when using this product.  
P271 -Use only outdoors or in a well-ventilated area.  
P272 -Contaminated work clothing should not be allowed out of the workplace  
P280.B -Wear protective gloves and eye, face protection.  
P302+P3529, -IF ON SKIN. Wash with plenty of water  
P304+P340 -IF INHALED: Remove person to fresh air and keep comfortable for breathing.  
P305+P351+P338 -IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
P308+P313 -IF exposed or concerned: Get medical advice / attention.  
P310.A -Immediately call a POISON CENTER.

P314 -Get medical advice/attention if you feel unwell.  
 P321 .A -Specific treatment (see supplementary instructions on this label)  
 P333+P313 -If skin irritation or rash occurs: Get medical advice/attention.  
 P362+P364 -Take &contaminated clothing and wash it before reuse.  
 P403+P233 -Store in a well-ventilated place. Keep container tightly dosed.  
 P405 -Store locked up.  
 P501A -Dispose of contents/container in accordance with Local, State, Federal and Provincial regulations.

Ingredients(s) with unknown acute toxicity: None

Hazards not otherwise classified identified during the classification process: None

### Section 3 Composition Information and Ingredients

**Mixture:**

<u>Component Name</u>	<u>CAS #</u>	<u>WT %</u>	<u>Classification</u>
Silica Sand	14808-60-7	40-60%,	Carc. 1A, H350A, STOT RE 1, H372A
Portland Cement	65997-15-1	1-15%	STOT SE 3, H335: Eye Dam 1, H318 Skin Sens. 1, H317; Skin Irrit. 2, H315
Lithium Carbonate	554-13-2	0.1-5%	Acute Tox. 4, H302; Eye Irrit. 2A, H319

### Section 4 First-Aid Measures

**Emergency and First Aid Procedures**

**Inhalation:** Remove casualty to fresh air and keep at rest. If breathing is irregular or stopped, administer artificial respiration. In case of inhalation, consult a doctor immediately and show him packing or label.

**Eyes:** IF IN EYES: Rinse cautiously with water with the eyelids open for a sufficient length of time. Remove contact lenses, if present and easy to do. Continue rinsing. If irritation continues, then get medical advice/attention immediately. Protect uninjured eye.

**Skin Contact:** IF ON SKIN: Wash with plenty of soap and water. If skin irritation occurs: Get medical advice/attention. Take off contaminated clothing and wash before reuse.

**Ingestion:** If swallowed, do not induce vomiting: seek medical advice immediately and show this container or label.

**Most important symptoms/effects, acute and delayed:**

Eye Irritation  
 Eye damages  
 Skin Irritation

**Indication of any immediate medical attention and special treatment needed:**

In case of accident or unwellness, seek medical advice immediately (show directions for use or safety data sheet if possible).

### Section 5 Fire Fighting Measures

**Extinguishing Media:** Use carbon dioxide, or water spray when fighting fires involving this material.

**Fire Fighting Methods and Protection:** Firefighters should wear full protective equipment and NIOSH approved self-contained breathing apparatus.

**Fire and/or Explosion Hazards:** Do not inhale explosion and combustion gases. Burning produces heavy smoke.

**Hazardous Combustion Products:** N.A.

**Explosive properties:** N.A.

**Oxidizing properties:** N.A.

**Special protective equipment and precautions for fire-fighters:** Use suitable breathing apparatus.

Collected contaminated fire extinguishing water separately. This must not be discharged into drains.  
Move undamaged containers from immediate hazard area if it can be done safely.

**Section 6 Accidental Release Measures**

**Steps to Take in Case Material Is Released or Spilled:** Wear personal protection equipment. Wear breathing apparatus if exposed to vapors/dusts/aerosols. Provide adequate ventilation. Use appropriate respiratory protection. See protective measures under section 7 and 8. Ventilate the contaminated area.  
Suitable material for taking up: absorbing material, organic, sand. Wash with plenty of water.

**Section 7 Handling and Storage**

**Handling:** Avoid contact with skin and eyes, Inhalation of vapors and mists. Exercise the greatest care when handling or opening the container. Use localized ventilation system. Don't use empty container before they have been cleaned. Before making transfer operations, assure that there aren't any incompatible material residuals in the containers. Contaminated clothing should be changed before entering eating areas. Do not eat or drink while working. See also section 8 for recommended protective equipment. Wash thoroughly after handling. Wear protective gloves/protective clothing/eye protection/face protection.  
**Storage:** Keep dry. Keep container tightly closed & upright when not in use to prevent leakage.  
**Storage Code:** N.A.

**Section 8 Exposure Controls / Personal Protection**

List of components with OEL value

Component	OEL Type Country	Ceiling	Long Term mg/m3	Long Term ppm	Short Term mg/m3	Short Term ppm	Behavior	Note
Silica Sand	ACGIH		0.025					A2-Suspected Human Carcinogen; lung cancer; pulmonary fibrosis
Portland cement	OSHA OSHA ACGIH		15 5 1					A4- Not classifiable as a Human Carcinogen;; pulmonary function: respiratory symptoms; asthma

**Control Parameters**  
**Engineering Measures:** General room ventilation might be required to maintain operator comfort under normal conditions of use. Avoid generating airborne dust  
**Personal Protective Equipment (PPE):**  
**Respiratory Protection:** No respiratory protection required under normal conditions of use.  
**Respirator Type(s):** Use NIOSH approved air purifying respirator with dust filter.  
**Eye Protection:** Wear close fitting safety glasses or goggles when handling this product.  
**Skin Protection:** Avoid skin contact by wearing clothing that provides comprehensive protection. Wash hands and other exposed areas with mild soap and water before eating, drinking, and when leaving work.  
**Gloves:** PVC, neoprene, rubber, nitrile

**Section 9 Physical and Chemical Properties**

**Appearance:** Gray or White Powder

Odor:	Cement likes
Odor Threshold:	None
pH (Neutrality):	12.00
Melting Point/Freezing Point:	N.A.
Boiling Range (Ibp,50%,Dry Point):	N.A.
Flash Point (Test Method):	N.A.
Evaporation Rate	
(n-Butyl Acetate=1):	N.A.
Flammability Classification:	N.A.
Lower Flammable	
Limit in Air (% by vol):	N.A.
Upper Flammable	
Limit in Air (% by vol):	N.A.
Vapor Pressure (mm of Hg)@20 C:	N.A.
VAPOR DENSITY (Air=1):	N.A.
GRAVITY @ 68/68F / 20/20C:	
Specific Gravity (Water=1):	N.A.
Pounds/Gallon:	N.A.
Water Solubility:	Dispersible
Partition Coefficient (n-Octane/Water):	N.A.
Auto Ignition Temperature:	N.A.
Decomposition Temperature:	N.A.
Other Information	
Substance Groups relevant properties	N.A.
Miscibility:	N.A.
Fat Solubility:	N.A.
Conductivity:	N.A.

## Section 10 Stability and Reactivity

Reactivity:	Stable under normal conditions.
Chemical Stability:	No data available
Possibility of Hazardous Reaction:	None
Conditions to Avoid:	Stable under normal conditions.
Incompatible Materials:	None in particular
Hazardous Decomposition Products:	None

## Section 11 Toxicological Information

Toxicological Information of the mixture:

There is no toxicological data available on the mixture. Consider the individual concentrations of each component to assess toxicological effects resulting from exposure to the mixture.

Toxicological Information on the main components of the mixture:

Silica Sand	a) acute toxicity	LD50 (Oral): =500 mg/kg (Rat)
Lithium Carbonate	a) acute toxicity	LD50 (Inhalation): >217 mg/l 4h (Rat)

If not differently specified, the information required in the regulation and listed below must be considered NA.

- a) acute toxicity
- b) skin corrosion/irritation
- c) serious eye damage/irritation
- d) respiratory or skin sensitization
- e) germ cell mutagenicity
- f) carcinogenicity
- g),reproductive toxicity
- h) STOT - single exposure
- l) STOT -repeated exposure
- J) aspiration hazard

Substance(s) listed on the IARC Monographs:  
Silica Sand Group 1  
Substance(s) listed as OSHA Carcinogen(s):  
Silica Sand  
Substance(s) listed as NIOSH Carcinogen(s):  
Silica Sand  
Substance(s) listed on the NTP report on Carcinogens:  
Silica Sand

## Section 12 Ecological Information

**Overview:** Adopt good working practices, so that the product is not released into the environment.

### Ecotoxicity:

<u>QTY , Chemical Name</u>	<u>CAS Number</u>	<u>Eco Toxicity</u>
40-60%, Silica Sand	14808-60-7	LC 50 a) Aquatic acute toxicity carp >10000.00000 mg/L 72h

**Persistence and degradability:** The polymeric component is not expected to biodegrade.  
**Bioaccumulative potential:** No data  
**Mobility in soil:** No data  
**Other Adverse Effects:** No data

## Section 13 Disposal Considerations

**Disposal Methods:** Dispose in accordance with all applicable Federal, State and Local regulations. Always contact a permitted waste disposer (TSD) to assure compliance.

**Waste Disposal Code(s):** Not Determined

## Section 14 Transport Information

UN number  
ADR-UN number: N/A  
DOT-UN number: N/A  
IATA-UN number: N/A  
IMDG-UN number: N/A  
UN proper shipping name  
ADR-Shipping Name: N/A  
DOT Proper Shipping Name: N/A  
IATA-Technical name: N/A  
IMDG-Technical name: N/A  
Transport hazard class(es)  
ADR- Class: N/A  
DOT Hazard Class: N/A  
IATA- Class: N/A  
IMDG-Class: N/A  
Packing group  
ADR Packing Group: N/A  
DOT-Packing group: N/A  
IATA-Packing group: N/A  
IMDG-Packing group: N/A  
Environmental hazards  
Marine pollutant: No  
Environmental Pollutant: N.A.  
Transport in bulk according to Annex II of MARPOL73/78 and the IBC code:  
N.A.  
Special Precautions  
Department of Transportation (DOT):  
DOT-Special Provision(s): N/A

DOT Label(s):	N/A
DOT Symbol:	N/A
DOT Cargo Aircraft:	N/A
DOT Passenger Aircraft:	N/A
DOT Bulk:	N/A
DOT Non-Bulk:	N/A
Road and Rail (ADR-RID):	
ADR-Label:	N/A
ADR Hazard identification number:	N/A
ADR Tunnel Restriction Code:	N/A
Air ( IATA) :	
IATA- Passenger Aircraft:	N/A
IATA- Cargo Aircraft :	N/A
IATA- Label:	N/A
IATA- Subrisk:	N/A
IATA- Erg:	N/A
IATA- Special Provisions:	N/A
Sea (IMDG):	
IMDG -Stowage Code:	N/A
IMDG -Stowage Note:	N/A
IMDG -Subrisk:	N/A
IMDG -Special Provisions:	N/A
IMDG -Page:	N/A
IMDG -Label:	N/A
IMDG -EMIS:	N/A
IMDG -MFAG:	N/A

## Section 15 Regulatory Information

### USA - Federal regulations

TSCA • Toxic Substances Control Act

TSCA Inventory:

All the components are listed on the TSCA inventory

TSCA listed substances:

Silica Sand	is listed in TSCA	Section 8b
Portland cement	is listed in TSCA	Section 8b
Lithium carbonate	is listed in TSCA	Section 8b

SARA - Superfund Amendments and Reauthorization Act

Section 302 – Extremely Hazardous Substances: no substance listed

Section 304 –Hazardous substances: no substance listed

Section 313 – Toxic chemical list: Lithium carbonate

CERCLA – Comprehensive Environmental Response, Compensations, and Liability Act  
Substance(s) listed under CERCLA: no substance listed

CAA – Clean Air Act

CAA Substances listed: no substance listed

CWA – Clean Water Act

CWA Substances listed: no substance listed

### USA - state specific regulations

California Proposition 65

Substance(s) listed under California Proposition 65

Silica Sand	listed as carcinogen
Lithium carbonate	listed as reproductive toxicant

Massachusetts right to know  
 Substance(s) listed under Massachusetts Right to Know;  
 Silica Sand  
 Portland cement  
 Lithium carbonate

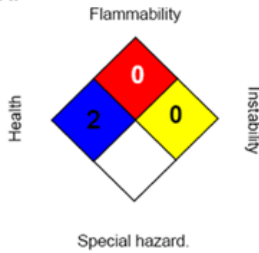
Pennsylvania Right to know  
 Substance(s) listed under Pennsylvania Right to Know;  
 Silica Sand  
 Portland cement

New Jersey Right to know  
 Substance(s) listed under New Jersey Right to Know;  
 Silica Sand  
 Portland cement  
 Lithium carbonate

**Section 16 Other Information**

This information is intended solely for the use of individuals trained in the NFPA & HMIS hazard rating systems.

**NFPA:**



**HMIS III:**

<b>HEALTH</b>	#	<b>2</b>
<b>FLAMMABILITY</b>		<b>0</b>
<b>PHYSICAL HAZARD</b>		<b>0</b>

0 = not significant, 1 =Slight,  
 2 = Moderate, 3 = High  
 4 = Extreme, \* = Chronic

HMIS Health: 2 = MODERATE  
 HMIS Health - Is health hazard chronic?: Yes  
 HMIS Flammability: 0 = Not Combustible  
 HMIS Reactivity: 0 = MINMAL  
 HMIS P.P.E.: Safety glasses, gloves, dust respirators

NFPA Health: 2 = MODERATE  
 NFPA Flammability: 0 = Not Combustible  
 NFPA Reactivity: 0 = MINIMAL  
 NFPA Special Risk: NONE

Code	Description
H302	Harmful if swallowed.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H318	Causes serious eye damage.
H319	Causes serious eye irritation.
H335	May cause respiratory irritation.
H350A	May cause cancer if inhaled
H372A	Causes damage to organs through prolonged or repeated exposure if inhaled

The information provided in this (Material) Safety Data Sheet represents a compilation of data drawn directly from various sources available to us. Texrite makes no representation or guarantee as to the suitability of this information to a particular application of the substance covered in the (Material) Safety Data Sheet.

**Glossary**

ACGIH	-American Conference of Governmental Industrial Hygienists	OSHA	-Occupational Safety and Health Administration
CAS	-Chemical Abstract Service Number	PEL	-Permissible Exposure Limit
CERCLA	-Comprehensive Environmental Response, Compensation, and Liability Act	ppm	-Parts per million
DOT	-U.S. Department of Transportation	RCRA	-Resource Conservation and Recovery Act
IARC	-International Agency for Research on Cancer	SARA	-Superfund Amendments and Reauthorization
N/A	-Not Available	TLV	-Threshold Limit Value
NTP	-National Toxicology Program	TSCA	-Toxic Substances Control Act
		IDLH	-Immediately dangerous to life and health