

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 and eye, face protection. P280.B -Wear protective gloves

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 of Accidents: 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.

Released or Spilled: 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

<u>Component</u>	<u>OEL Type Country</u>	<u>Ceiling</u>	<u>Long Term mg/m3</u>	<u>Long Term ppm</u>	<u>Short Term mg/m3</u>	<u>Short Term ppm</u>	<u>Behavior</u>	<u>Note</u>
Silica Sand	ACGIH		0.025					A2-Suspected Human Carcinogen; lung cancer; pulmonary fibrosis
			15					
Portland cement	OSHA OSHA		5					
	ACGIH		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 (lbp,50%,Dry Point):		N.A.
Flash Point (Test Method):		N.A.
Evaporation Rate (n-Butyl Acetate=1):		N.A.
Flammability Classification:	Lower	N.A.
Flammable		
Limit in Air (% by vol):	Upper	N.A.
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
- I) 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-PackInq 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: Sea	N/A
(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

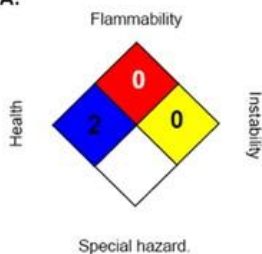
Pennsylvania Right to know
 Substance(s) listed under Pennsylvania Right to Know;
 Silica Sand
 Portland cement

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:

HEALTH	*	2
FLAMMABILITY		0
PHYSICAL HAZARD		0

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
Compensation, and Liability Act	CERCLA - 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
Comprehensive Environmental Response,	IDLH -Immediately dangerous to life and

health