SAFETY DATA SHEET

Texrite Chromaflex

As of date: 2020

Section 1 Product Description

Product Name: Chromaflex
Recommended Use: Ceramic tile grout
Synonyms: Premixed grout, tile joint filler

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: Carcinogen/May cause cancer if inhaled, Category 1A
Cause damage to organs through prolonged or repeated exposure if inhaled, STOT, RE1

Hazard Statements: H100s = General, H200s = Physical, H300s = Health, H400s = Environmental
H350A May cause if inhaled.
H372A Cause 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
P260B - Avoid breathe dust.
P264.2 - Wash skin thoroughly after handling.
P270 - Do not eat, drink, or smoke when using this product
P280 - Wear protective gloves /protective clothing /eye protection /face protection.
P308+P313 - If exposed or concerned: Get medical advice/attention.
P314 - Get medical advice / attention if you feel unwell.
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

This product contains crystalline silica (quartz sand). IARC has classified crystalline silica as a Group 1 carcinogen. Both IARC and NTP consider silica as a known human carcinogen. Evidence is based on the chronic and long-term exposure workers have had to respirable sized crystalline silica dust particles. Because this product is in liquid or paste form, it does not pose a dust hazard; therefore, this classification is not relevant. (Note: sanding of the hardened product may create a silica dust hazard)

This product contains titanium dioxide which IARC has classified as a Group 26 carcinogen (possibly carcinogenic to humans). Evidence is based on sufficient animal testing as a result of long-term inhalation at high concentrations of respirable amounts of titanium dioxide. Because this product is in liquid or paste form, it does not pose a dust hazard; therefore, this classification is not relevant. (Note: sanding of the hardened product may create a dust hazard)

Section 3 Composition Information and Ingredients

Mixture:

Component Name	CAS #	WT %	Classification
Silica Sand	14808-60-7	60-80 %	Carc. 1A. H350A; STOT RE 1, H372A
Titanium dioxide	13463-67-7	1-5%,	Carc. 2, H351

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: After contact with the eyes, rinse with water with the eyelids open for a sufficient length of time, then consult an ophthalmologist immediately. Protect uninjured eye.

Skin Contact: Immediately take off all contaminated clothing. Areas of the body that have - or are only even suspected of having come into contact with the product must be rinsed immediately with plenty of running water and possibly with soap. Wash thoroughly the body (shower or bath). Remove contaminated clothing immediately and dispose of safely.

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

Most Important symptoms/effects, acute and delayed:
N.A.

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 selfcontained 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. **ment and**
Special protective equip 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 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

Precautions for safe han lling: 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	0.005				A2-SupsectedHuman Carcinogen; lung cancer, pulmonary fibrosis
Titanium dioxide	OSHA	15						A4- Not classifiable as a Human Carcinogen; lower tract irritation
	ACGIH	10						

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: Use adequate 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. such as cotton, rubber, or PVC. 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:	Paste, various solid-color
Odor:	Slight sweet, slight ammonia
Odor Threshold:	None pH (Neutrality):
8.3	
Melting Point/Freezing Point:	N.A. Boiling
Range (Ibp,50%,Dry Point):	N.A.
Flash Point (Test Method):	>100°C (212°F).
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:	13 lbs./gal
Water Solubility:	Insoluble
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 e mixture. Consider the individual toxicological concentrations of each component to assess effects resulting from exposure to the mixture.

Toxicological Information on the main components of the mixture:

Silica Sand	a) acute toxicity	
Titanium dioxide	a) acute toxicity	LD50 (Oral): =500mg/kg (Rat) LD50 (Oral):>10000 mg/kg (Rat)

If not differently specified, the information required in the d listed below must be considered
a) acute toxicity NA.
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
Titanium Dioxide	Group 2B

Substance(s) listed as OSHA Carcinogen(s):
Silica Sand
Titanium Dioxide

Substance(s) listed as NIOSH Carcinogen(s):
Silica Sand
Titanium Dioxide

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:

QTY , Chemical Name	CAS Number	Eco Toxicity
60-80 %, Silica sand	14808-60-7	LC 50 a) Aquatic acute toxicity carp >10000.00000 mg/L 72h

Persistence and degradability: No data
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
lMDG-Class:	N/A

Packing qroup

ADR Packing Group:	N/A
DOT-Packlnq group:	N/A
lATA-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 (lATA) :

lATA- Passenger Aircraft:	N/A
lATA- Cargo Aircraft :	N/A
lATA- Label:	N/A
IATA- Subrisk:	N/A
lATA- Erg:	N/A
lATA- 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 fisted on the TSCA inventory

TSCA listed substances:

Silica Sand	is listed in TSCA	Section 8b
Titanium Dioxide	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: no substance listed

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
Titanium Dioxide	listed as carcinogen

Massachusetts right to know
Substance(s) listed under Massachusetts Right to Know;
Silica Sand
Titanium Dioxide

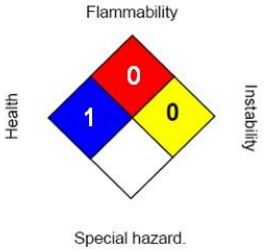
Pennsylvania Right to know
Substance(s) listed under Pennsylvania Right to Know;
Silica Sand
Titanium Dioxide

New Jersey Right to know
Substance(s) listed under New Jersey Right to Know;
Silica Sand
Titanium Dioxide

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 *	1
FLAMMABILITY	0
PHYSICAL HAZARD	0

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

HMIS Health:	1 = 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:	1 = MODERATE
NFPA Flammability:	0 = Not Combustible
NFPA Reactivity:	0 = MINIMAL
NFPA Special Risk:	NONE

Code	**Description**
H350A	May cause cancer if inhaled
H351	Suspected of causing cancer <state route of exposure if it is conclusively proven that no other routs of exposure cause the hazard>
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
CAS -Chemical Abstract Service Number
CERCLA -Comprehensive Environmental Response, Compensation, and Liability Act
DOT -U.S. Department of Transportation
IARC -International Agency for Research on Cancer
N/A -Not Available
NTP -National Toxicology Program
OSHA -Occupational Safety and Health Administration
PEL -Permissible Exposure Limit
ppm -Parts per million
RCRA -Resource Conservation and Recovery Act
SARA -Superfund Amendments and Reauthorization
TLV -Threshold Limit Value
TSCA -Toxic Substances Control Act
IDLH -Immediately dangerous to life and health