SDS Preparation Date (mm/dd/yyyy): 08/15/2022

This SDS adheres to the standards and regulatory requirements of the United States and may not meet the regulatory requirements in other countries.

SECTION 1: IDENTIFICATION

PRODUCT NAME:	Grout Colorant
CHEMICAL NAME & SYNONYMS:	Mixture
PROCESSORS NAME:	VanHearron Inc. 410 S. Coker, Greenwood, AR 72936 Phone: (479) 255-6101
CAS #:	Not assigned
CHEMICAL FAMILY:	Colorant
CHEMICAL FORMULA:	Mixture
USE	Colorant for Grout

SECTION 2: HAZARD(S) IDENTIFICATION

Classification of the chemical

Skin Sens. 1

May cause an allergic skin reaction. Aquatic Acute Harmful to aquatic life.

Label elements

Pictograms and Signal Words

Warning

Hazard statements:

H317 May cause an allergic skin reaction. H402 Harmful to aquatic life.

Precautionary statements:

P201 Obtain special instructions before use.

P202 Do not handle until all safety precautions have been read and understood.

P261 Avoid breathing dust or mist.

P272 Contaminated work clothing should not be allowed out of the workplace. P273 Avoid release to the environment.

P280 Wear protective gloves/protective clothing/eye protection/face protection. P302+P352 IF ON SKIN: Wash with plenty of water.

P308+P313 IF exposed or concerned: Get medical advice/attention.

P321 Specific treatment (see supplementary instructions on this label). P333+P313 If skin irritation or rash occurs: Get medical advice/attention. P362+P364 Take off contaminated clothing and wash it before reuse.

P405 Store locked up.

P501 Dispose of contents/container in accordance with applicable regulations.

Ingredient(s) with unknown acute toxicity:

None

Hazards not otherwise classified identified during the classification process:

None

This product contains titanium dioxide which IARC has classified as a Group 2B 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 ON INGREDIENTS

Substances

N.A.

Mixtures

Hazardous components within the meaning of 29 CFR 1910.1200 and related classification:

List of components

Concentration(% w/w)

Name		Ident. Numb.	Classification	Registration Number
10-20 %	TITANIUM DIOXIDE		CAS:13463-67-7	Carc. 2, H351
0.1-0.25 %	Silica Sand		CAS:14808-60-7	STOT RE 1, H372; Carc. 1A, H350

SECTION 4: FIRST-AID MEASURES

EYE: Immediately flush eyes with running water for at least 15 minutes. Seek medical attention.
SKIN: Minimal effect on contact. Wash skin with soap and water. If irritation or adverse symptoms, seek medical attention
INHALATION: Remove to fresh air. If breathing difficult, seek immediate medical attention.
INGESTION: Do not take internally. Do not give liquid to an unconscious person. Do not induce vomiting. Seek medical attention.

SECTION 5: FIRE-FIGHTING MEASURES

Does not support combustion and is not considered a fire or explosive hazard. When involved in a fire, it may emit vapors containing the surface active components and their decomposition products. These materials should be considered irritants. Also the decomposition products may include carbon oxides, silicon oxides and amines. For these reasons, fire fighters should wear self-contained breathing apparatus and full protective clothing. Heated closed containers may burst due to steam pressure. Cool containers with water.

Suitable extinguishing media

Water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

SECTION 6: ACCIDENTAL RELEASE MEASURES

Floors may be slippery; use care to avoid falling.

Personal precautions

Use personal protective equipment. Avoid breathing vapors, mist or gas and ensure adequate ventilation.

Environmental precautions

Do not let product enter drains.

Methods for cleaning up

Soak up with inert absorbent material and dispose of as hazardous waste. Keep in suitable, closed containers for disposal.
Contain spills immediately with inert material to prevent waterway entry. Transfer liquids and solid diking materials to suitable containers for recovery or appropriate disposal.
Other: Call Chemtrec 800-424-9300

SECTION 7: HANDLING AND STORAGE

No special handling is required under normal use. Appropriate protective clothing necessary to prevent repeated or prolonged skin contact should be worn. Skin contact should be minimized by wearing impermeable gloves. Resistant boots should be worn where spills or splashing can occur. Wash hands and other contaminated areas thoroughly with soap and water after handling this product and before eating or smoking. Wash contaminated clothing thoroughly before reuse. Safety showers and eye stations should be available to employees. Normal warehouse storage in a closed container is adequate. Storage temperature should be above freezing and below 120°F. Drain equipment and flush with water to clean. Incompatible materials:. Mixing with high pH materials can cause precipitation

SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

Control parameters

List ofcoponents with OEL value

Component	OEL Type		Long Term ppm	Short Term mg/ m3	Short Term ppm	Behavior Not
TITANIUM DIOXIDE	OSHA	15				

ACGIH			10	A4 - Not Classifiable as a Human Carcinogen;lower respiratory tract irritation;
	MAK	GERMANY	0,3	
	ACGIH		10	A4 - Not Classifiable as a Human Carcinogen;lower respiratory tract irritation
	MAK	AUSTRIA	5	10
	MAK	SWITZERLAND	3	
Silica Sand	ACGIH		0,025	A2 - Suspected Human Carcinogen;lung cancer;pulmonary fibrosis;

Appropriate engineering controls: N.A.

Individual protection measures

Eye protection:

Use close fitting safety goggles, don't use eye lens.

Protection for skin:

Use clothing that provides comprehensive protection to the skin, e.g. cotton, rubber, PVC or viton.

Protection for hands:

Suitable materials for safety gloves; 29 CFR 1910.138 - ANSI/ISEA 105:

Polychloroprene - CR: thickness >=0,5mm; breakthrough time >=480min.

Nitrile rubber - NBR: thickness >=0,35mm; breakthrough time >=480min.

Butyl rubber - IIR: thickness >=0,5mm; breakthrough time >=480min.

Fluorinated rubber - FKM: thickness >=0,4mm; breakthrough time >=480min.

Use impervious gloves that provides comprehensive protection, e.g. P.V.C., neoprene or rubber.

Respiratory protection:

Respiratory protection must be used where exposure levels exceed workplace exposure limits. Refer to 29 CFR 1910.134 - CSA Z94.4 for information on selection and use of appropriate respiratory protection equipment.

N.A.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE:	Pigmented liquid.	ODOR:	ammonia like
pH: (Typical)	8.95	SPECIFIC GRAVITY (H2O = 1):	1.01
BOILING POINT, 760 mm Hg:	No data available	PERCENT VOLATILE BY WEIGHT:	0 %
VAPOR PRESSURE, at 20 deg. C:	Not Applicable	PERCENT VOLATILE BY VOLUME:	0 %
LIQUID DENSITY :	1.35g/cc	SOLUBILITY IN WATER, by wt.:	Unknown
VICOSITY:	<100 cps	PHYSICAL STATE:	Liquid
EVAPORATION RATE (Butyl Acetate =1):	Similar to water		

SECTION 10: STABILITY AND REACTIVITY

Reactivity

Stable under normal conditions

Chemical stability

Data not available.

Possibility of hazardous reactions

None.

Conditions to avoid

Stable under normal conditions.

Incompatible materials

None in particular.

Hazardous decomposition products

None.

SECTION 11: TOXICOLOGICAL INFORMATION

Information on toxicological effects

Toxicological information of the mixture:

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

Toxicological information on main components of the mixture:

TITANIUM DIOXIDE	a) acute toxicity	LD50 Oral Rat > 10000 mg/kg
Silica Sand	a) acute toxicity	LD50 Oral Rat = 500 mg/kg

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

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

Toxicological kinetics, metabolism and distribution information

i) STOT-repeated exposure

j) aspiration hazard

Substance(s) listed on the IARC Monographs: TITANIUM DIOXIDE Group 2B Silica Sand Group 1

Substance(s) listed as OSHA Carcinogen(s):

TITANIUM DIOXIDE Silica Sand

Substance(s) listed as NIOSH Carcinogen(s):

TITANIUM DIOXIDE Silica Sand

Substance(s) listed on the NTP report on Carcinogens:

Silica Sand

SECTION 12: ECOLOGICAL INFORMATION

Toxicity

Adopt good working practices, so that the product is not released into the environment.
Eco-Toxicological Information:

List of components with eco-toxicological properties

Component	Ident. Numb.	Ecotox Infos
Silica Sand	CAS: 14808-60-7	a) Aquatic acute toxicity : LC50 carp > 10000,00000 mg/L 72h

Persistence and degradability

N.A.

Bioaccumulative potential

N.A.

Mobility in soil

N.A.

Other adverse effects

N.A.

SECTION 13: DISPOSAL CONSIDERATIONS

Waste treatment methods

The generation of waste should be avoided or minimized wherever possible. Recover if possible.

Methods of disposal:

Disposal of this product, solutions, packaging 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 nonrecyclable products via a licensed waste disposal

contractor. Do not dispose of waste into sewers.

Disposal considerations:

Do not allow to enter drains or watercourses.

Dispose of product according to all federal, state and local applicable regulations.

If this product is mixed with other wastes, the original waste product code may no longer apply and the appropriate code should be assigned.

Dispose of containers contaminated by the product in accordance with local or national legal provisions. For further information, contact your local waste authority.

Special precautions:

This material and its container must be disposed of in a safe way. Care should be taken when handling untreated empty

containers. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.

Empty containers or liners may retain some product residues. Do not re-use empty containers.

SECTION 14: TRANSPORTATION INFORMATION

Not classified as dangerous in the meaning of transport regulation. Not regulated under DOT, IATA,IBC, or IMDG.

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:

TITANIUM DIOXIDE	is listed in TSCA Section 8b
Silica Sand	is listed in TSCA Section 8b

SARA - Superfund Amendments and Reauthorization Act

Section 302 - Extremely Hazardous Substances:

No substances listed

Section 304 - Hazardous substances:

No substances listed

Section 313 - Toxic chemical list:

No substances listed

CERCLA - Comprehensive Environmental Response, Compensation, and Liability Act

Substance(s) listed under CERCLA:

No substances listed

CAA - Clean Air Act

CAA listed substances:

No substances listed

CWA - Clean Water Act

CWA listed substances:

No substances listed

USA - State specific regulations

California Proposition 65

Substance(s) listed under California

Proposition 65: TITANIUM DIOXIDE Silica

Sand is listed in TSCA Section 8b

SARA - Superfund Amendments and Reauthorization Act

Section 302 - Extremely Hazardous Substances:

No substances listed

Section 304 - Hazardous substances:

No substances listed

Section 313 - Toxic chemical list:

No substances listed

CERCLA - Comprehensive Environmental Response, Compensation, and Liability Act

Substance(s) listed under CERCLA:

No substances listed

CAA - Clean Air Act

CAA listed substances:

No substances listed

CWA - Clean Water Act

CWA listed substances:

No substances listed

USA - State specific regulations

California Proposition 65

Substance(s) listed under California Proposition 65:

TITANIUM DIOXIDE Listed as Carcinogen

Silica Sand Listed as carcinogen

Massachusetts Right to know

Substance(s) listed under Massachusetts Right to know:

TITANIUM DIOXIDE Silica Sand

Pennsylvania Right to know

Substance(s) listed under Pennsylvania Right to know:

TITANIUM DIOXIDE Silica Sand

New Jersey Right to know

Substance(s) listed under New Jersey Right to know:

TITANIUM DIOXIDE Silica Sand

Canada - Federal regulations DSL - Domestic Substances List DSL Inventory:

All the substances are listed in the DSL.

NDSL - Non Domestic Substances List

NDSL Inventory:

No substances listed

NPRI - National Pollutant Release Inventory

Substances listed in NPRI:

No substances listed

SECTION 16: OTHER INFORMATION

All terms and abbreviations have been defined in various government publications, or are standard chemical terms used by IUPAC. The data and recommendations herein are based upon our research and the research of others, and are believed to be accurate. However, no warranty or guarantee of their accuracy is made; and the products are distributed without warranty, expressed or implied, included the limited warranties of merchantability of fitness for particular purpose.
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