Grout Bomb Safety Data Sheet-

1 – PRODUCT IDENTIFICATION

Product Name: Grout Bomb / Cement Grout Admixture
Product Number: TTDGB1
Product Use: Pozzolan for cement, mortar, concrete, stucco, faux stone and related products. For use only Cement tile grout, concrete admix, shrinkage reducer
DATE PREPARED: 6/1/20
COMPANY: Tile Media Properties Inc. / Dba; The Tile Doctor
1395 S. Marietta Parkway SE. 200-222 Marietta, GA. 30067
(770) 447-0061
EMERGENCY PHONE: (800) 424-9300 (CHEMTREC)
International call: 703-527-3887 (collect calls accepted)

2 – HAZARDS IDENTIFICATION

Classification of the chemical in accordance with Standard 29 CFR 1910.1200 (US-GHS)
H401: Toxic to aquatic life H315: Causes skin irritation
Label Elements (Hazard Communication Standard 29 CFR 1910.1200 (US-GHS)
Signal Word: Warning: Avoid Contact with eyes and skin. Keep out of reach of children. This product might be harmful if it is inhaled or swallowed.
GHS Pictogram(s)

Precautionary Statement: P202: Do not handle until all safety precautions have been read and understood
P273: Avoid release to the environment
GHS Health Classification: Skin Irritation (2)
GHS Physical Classification: CARCINOGENICITY: None of the components present in this material at concentrations equal to or great than 0.1% are listed by IARC, NTP, OSHA, or ACGIH as a carcinogen. Dust may be explosive if mixed with air in critical proportions and in the presence of a source ignition.
GHS Environmental Class: Acute Aquatic Toxicity (2)
EU Statement:

3 – COMPOSITION / INFORMATION ON INGREDIENTS

Chemical names	CAS No	Concentration
Sodium and Potassium Oxide(1) NOT HAZARDOUS AS DEFINED IN 29 CFR 1910.1200	MISSING: CHEMPAX DATA	0% to 5% proprietary

Substance/Mixture: mixture
Synonym:

4 – FIRST-AID MEASURES

Description of first aid measures
In case of inhalation: Immediate medical attention is not required. Remove to fresh air. Get medical attention if irritation persists.
In case of skin contact: In case of skin contact, wash thoroughly with soap and water.
In case of eye: Immediately flush eyes with plenty of water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rising. If eye irritation occurs, get medical advice.
In case of ingestion: Rinse mouth**.** Do not induce vomiting unless directed to do so by a physician. If you feel unwell, seek medical attention
Most important symptoms/effects both acute and delayed: IF AFFECTED BY INHALATION OF VAPOR OR SPRAY MIST, REMOVE TO FRESH AIR.
Indication of any immediate medical attention and special treatment needed: Treat symptomatically and supportively

5 – FIRE-FIGHTING MEASURES

Extinguishing Media: Suitable extinguishing media: Foam, water spray, dry chemical powder, carbon dioxide, or sand

Unsuitable extinguishing media: Do not use a heavy water stream
Flash point: Not applicable
Auto ignition temperature: >200° C Method: Auto-ignition of a dust cloud according to EN 50281-2-1
Specific protective equipment and procedures for firefighters: Wear self contained breathing apparatus and protective clothing
Specific chemical hazards: Full emergency equipment with self contained breathing apparatus and full protective clothing should be worn by firefighters.

6 – ACCIDENTAL RELEASE MEASURES

Environmental precautions: Avoid creating airborne dust. Pick up with shovel or mechanical equipment. Wet methods and vacuuming may be used on spills. Do not allow to enter surface water or drains. Ensure waste is collected and contained.

Methods for cleanup: Considered non-hazardous per EPA, RCRA 40CFR, Part 261, 1990. Handle as inert bulk material. Material may be disposed of as a non-hazardous solid waste consistent with state, federal and local disposal regulations. Disposal in a sanitary landfill is usually adequate. Material integrated into a cement/concrete products must be disposed of in accordance with applicable requirements for those products where they exist. Not regulated by the Department of Transportation (DOT).

7 – HANDLING and STORAGE

Storage: Keep only in original container in cool, dry, well-ventilated places away from incompatible materials. Keep container closed when not in use.
Handling: Keep material dry in storage. No special handling required. Avoid creating airborne dust. Not an electrical conductor.

8 – EXPOSURE CONTROLS / PERSONAL PROTECTION

Occupational exposure limits
OSHA PEL 15mg/m3 dust; 5 mg/m3 respirable dust

Appropriate engineering controls: If needed use local exhaust ventilation to keep dust concentration bellow limits cited in this Section.

Personal Protective Equipment
Respiratory Protection:. Use a properly fitted particulate filter respirator complying with an approved standard if a risk assessment indicates this is necessary. Respirator selection must be based on known or anticipated exposure levels, the hazards of the product, and the safe working limits of the selected respirator. Wear a respirator conforming to EN140 with type A/P2 filter or better.
Eye/Face protection: Wear appropriate chemical safety glasses/goggles.
Hand/Skin Protection: Wear appropriate protective gloves and clothing.
General Hygiene Considerations: Do not eat, drink or smoke when using this product. Wash hands thoroughly after handing.

9 – PHYSICAL / CHEMICAL PROPERITES

Appearance: Solid, fine powder.
Physical State: solid
Color: white
Odor: odorless
pH: 6-9 (ASTM D-1208-78)
Melting Point: >800°C softening point
Boiling Point: NA
Flash point: Not applicable
Flammibility (solid,gas): Product is a finely divided combustible powder and as such constitutes a potencial fire hazard. Keep workplace dust levels below the stipulated exposure limits. Prohibit smoking and open flames. Avoid sparks or other sources of static eletricity. Product contains low level of organic volatiles which might be emmited at elevated temperatures.
Explosive Properties: Dust may form explosive mixture in air.
Vapor Pressure: Not applicable
Vapor Density (AIR=1): Not applicable
Density: 2.6g/cm^3
Solubility in water: dispersible
Partition Coefficient (n-octanol/water): NOT APPLICABLE
Auto-ignition temperature: >200° C Method: Auto-ignition of a dust cloud according to EN 50281-2-1
Viscosity: Not applicable

10 – STABILITY and REACTIVITY

Reactivity: No hazardous reaction known under normal conditions of use
Chemical Stability: Stable under normal conditions
Hazardous Reactions: Stable under normal conditions
Conditions to avoid: Avoid contact with strong acids, reducing agents, and oxidizers. Keep away from heat, sparks and flame.
Incompatible materials: Avoid contact with strong acids, reducing agents, and oxidizers.
Hazardous Decomposition.: na

11 – TOXICOLOGICAL INFORMATION

Acute Toxicity: Dust may irritate eyes, skin, respiratory tract, mucous membranes. Dust hazard should not occur under normal use.

Chromium Ion (<0.2%)-yes

Acute Oral Toxicity: LD50 oral, rat: > 2000 mg/kg
Acute Inhalation Toxicity: LD-50 Inhalation: Rat >5 mg/l (aerosol) (4 hour exposure)
Chronic Toxicity: Repeated or prolonged inhalation of dust may lead to temporary respiratory irritation.

Irritation: may irritate eyes, skin, and respiratory tract
Sensitization: Non-sensitizing
Mutagenicity: Non-mutagenic

Carcinogenicity: This product does not contain any hazardous ingredients or known or suspected carcinogens.
Reproductive toxicity: No known significant effects or critical hazards on reproduction.
Aspiration hazard: Dust is irritant to respiratory tract.

12 – ECOLOGICAL INFORMATION

Ecotoxicity: Based on available data, the classification criteria are not met
LC50 (Fish 96 h) : > 32000 mg/L
Persistence and degradability: Not readily biodegradable.
Bioaccumulative potential: The product does not contain any substances expected to be bioaccumulating.

Mobility in soil: Not applicable
Results of PBT and vPvB assessment: The substance does not meet the criteria to be identified as PBT or vPvB

13 –DISPOSAL CONSIDERATIONS

Disposal considerations: Do not dispose of waste into sewer.
Do not contaminate ponds, waterways or ditches with chemical or used container.
Dispose of contents/container in accordance with state and local regulation.

14 – TRANSPORTATION INFORMATION

DOT: Not regulated, not dangerous good.
Transport by sea (IMO / IMDG): Not regulated. Not dangerous good
Air transport (ICAO/ IATA): Not regulated. Not dangerous good

15 - REGULATIONS

Contents of this SDS comply with the OSHA Hazard Communication Standard 29CFR 1910.1200

EPA SRA Title III Chemical Listings:
US Federal Regulations
TSCA Status: all components are listed or exempted
SECTION 302: To the best of our knowledge, none of the chemicals in this product are listed as an extremely hazardous substance under Section 302 of SARA Title III nor does this product contain any other such substances.
SECTION 312
Acute: Dust may irritate eyes, skin, respiratory tract, mucous membranes. Dust hazard should not occur under normal use.

Chromium Ion (<0.2%)-yes

Chronic: None
Fire: None
Pressure: none
Reactive: None

SARA 313: To the best of our knowledge, none of the chemicals in this product are listed as an extremely hazardous substance under Section 313 of SARA Title III nor does this product contain any other such substances.
Clean Water Act: not applicable
FDA: NA

US State Regulations
CALIFORNIA PROP 65: This product does not contain any chemicals known to the State of California to causer cancer, birth or any other reproductive defects.

International regulations
Canada
CEPA DSL: All components are listed or exempted.

16 – OTHER INFORMATION

Additional Information: This Safety Data Sheet complies with OSHA Hazard Communication Standard 29 CFR 1910.1200 (HCS-2012) and its adaptation of United Nations 'Globally Harmonized System of Classification and Labeling of Chemicals (GHS). This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product. DISCLAIMER OF LIABILITY: The information in this SDS was obtained from sources which we believe are reliable. However, the information is provided without any warranty, express or implied, regarding its correctness. The conditions or methods of handling,storage, use or disposal of the product are beyond our control and may be beyond our knowledge. For this and other reasons, wedo not assume responsibility and expressly disclaim liability for loss, damage or expense arising out of or in any way connected with the handling, storage, use or disposal of the product. This SDS was prepared and is to be used only for this product. If the product isused as a component in another product, this SDS information may not be applicable.