Safety Data Sheet

Issuing Date: November 6, 2014 Revision Date: Sep 1, 2015 Revision Number: 2

1. Identification of the Substance/Preparation and the Company Undertaking

GHS Product Identifier

Product Name Grout Aide Grout & Tile Marker - White and Colored

Other Means of Identification

Part Number 05061 - 05106

Formula Code SKM-16

Synonyms none

Recommended use of the chemical and restrictions on use

Recommended Use Covers grout and caulk stains

Uses Advised Against No information available

Supplier's Details

Supplier Address
SKM Industries Inc.
1012 Underwood Road
Olyphant, Pa 18447
Telephone: 570-383-3062

Emergency Telephone Number

Chemtrec US 800-424-9300 International 703-527-3887

2. HAZARDS IDENTIFICATION

GHS Classification

Not a hazardous substance or mixture

GHS Label Element

Not a hazardous substance or mixture

Signal Word – none

3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name	CAS -No	Weight %
Titanium Dioxide	13463-67-7	>=30-<50
Calcium Carbonate	1317-65-3	>=30-<50
1-methoxy-2-propanol	107-98-2	>=1-<5

4. FIRST AID MEASURES

Description of necessary first-aid measures

General Advice	If you feel unwell, seek medical advice (show the label where possible). First aider needs to protect himself. Move out of dangerous area. Never give anything by mouth to an unconscious person. Take off contaminated clothing and shoes immediately.
Inhalation:	If breathed in, move person into fresh air, if symptoms persist, call a physician. Keep patient warm and at rest. If not breathing, give artificial respiration. If breathing is difficult give oxygen.
Skin Contact	Wash off with soap and water. If skin irritation persists, call a physician.
Eye Contact	protect unharmed eye. If easy to do, remove contact lens, if worn. Rinse with plenty of water. Seek medical advice.
Ingestion	If swallowed, do not induce vomiting. If a person vomits when lying on his back, place him in the recovery position. Obtain medical attention.
Note to physician	Treat symptomatically and supportively.

5. FIRE-FIGHTING MEASURES

Form	Liquid
Flash point	>93.3 °C (199.9°F) Method ISO3679

Specific Hazards during Firefighting

Do not use a solid water stream as it may scatter and spread fire.
Hazardous decomposition products may be formed under fire conditions (see section 10).
Exposure to decomposition products may be a hazard to health.

Special Protective Equipment for Firefighters

In the event of fire, wear self-contained breathing.
Use personal protective equipment

Further Information

Standard procedures for chemical fires.
Use extinguishing measures that are appropriate to local circumstance and the surrounding environment.
In the event of fire and/or explosion do not breathe fumes.
Use water spray to cool unopened containers.
Collect contaminated fire extinguishing water separately. This must not be discharged into drains.
Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations.
Pay attention to flashback.

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions

Refer to protective measures listed in sections 7 and 8.
Use personal protective equipment.
Remove all sources of ignition.
Avoid contact with skin and eyes.
Ensure adequate ventilation, especially in confined areas.

Immediately evacuate personnel to safe areas.
Avoid inhalation of vapour or mist.
Beware of vapours accumulating to form explosive concentrations. Vapours can accumulate in low areas.

Environmental Precautions

Do not flush into surface water or sanitary sewer system. Prevent further leakage or spillage if safe to do so. If the product contaminates rivers and lakes or drains inform respective authorities.

Methods and materials for containment and cleaning up

Methods for Cleaning Up Contain the spillage with non-combustible absorbent materials such as sand, earth, vermiculite, diatomaceous earth and place in a suitable container for disposal in accordance with local/national waste regulations. Clean contaminated surfaces thoroughly.

7. HANDLING AND STORAGE

Precautions for safe handling

Handling For personal protection see section 8.
Do not breathe vapours or spray mist.
Avoid contact with skin and eyes.
Prevent the creation of flammable or explosive concentrations of vapour in air and avoid vapour concentrations higher than the occupational exposure limits. Take precautionary measures against static discharge.

Advice on protection against fire and explosion

Normal measures for preventative fire protection
Vapours are heavier than air and may spread along floors.
Vapours may form explosive mixtures with air
Keep away from heat and sources of ignition
Do not smoke
No sparking tools should be used
Electrical equipment should be protected to the appropriated standard.

Dust explosion class Not applicable

Conditions for safe storage

Requirements for Storage Areas and containers

Store in original container. Keep containers tightly closed in a fry, cool, and well ventilated place. Prevent unauthorized access. Keep away from heat. Keep away from direct sunlight.

Advice on Common Storage Keep away from food, drink, and animal feeding stuffs.

Other Data No decomposition if stored and applied as directed

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Guidelines

Compound	CAS- No	List	Type	Value	Update
Titanium Dioxide	13463-67-7	OSHA Z-1	TWA	15 mg/m3	2011-07-01
		ACGIH	TWA	10 mg/m3	2014-03-01
		OSHA P0	TWA	10 mg/m3	1989-01-19
Calcium Carbonate	1317-65-3	OSHA Z-1	TWA	5 mg/m3	2007-01-19
		OSHA P0	TWA	15 mg/m3	1989-01-19
		OSHA P0	TWA	5 mg/m3	1989-01-19
		NIOSH REL	TWA	5 mg/m3	2013-10-08
		NIOSH REL	TWA	10 mg/m3	2013-10-08
1-METHOXY-2-PROPANOL	107-98-2	ACGIH	TWA	50 ppm	2014-03-01
		ACGIH	STEL	100 ppm	2014-03-01
		NIOSH REL	TWA	100 ppm 360 mg/m3	2013-10-08
		NIOSH REL	ST	150 ppm 540 mg/m3	2013-10-08
		OSHA P0	TWA	100 ppm 360 mg/m3	1989-01-19
		OSHA P0	STEL	150 ppm 540 mg/m3	1989-01-19
		OSHA P0	STEL	150 ppm 540 mg/m3	1989-01-19

Appropriate engineering controls

Engineering Measures Provide sufficient air exchange and /or exhaust in work rooms

Individual protection measures

Eye/Face protection In case of splash hazard, please wear protective goggles.

Hand Protection Choose gloves to protect hands against chemicals depending on the concentration and quantity of the hazardous substance and specific to place of work. For special protection it is recommended clarifying the resistance to chemicals of the aforementioned protective gloves with the glove manufacturer.

Skin and body Protection Flame retardant antistatic protective clothing. Choose body protection according to the amount of and concentration of the dangerous substance at eh work place.

Respiratory Protection When workers are facing concentrations above the exposure limit they must use appropriate certified respirators. Respirator with filter type A.

Hygiene Measures Handle in accordance with good industrial hygiene and safety practices.
Avoid breathing vapours, mist, and gas.
Avoid contact with skin, eyes and clothing,
When using do not eat, drink or smoke.
Wash hands before breaks and at the end of day.
Follow the skin protection plan
Take off all contaminated clothing immediately
Wash contaminated clothing before re-use.

9. PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

Property	Value
Form	liquid
Physical state	liquid
Color	white cloudy
Odor	characteristic
Odor threshold	no data available
Flash point	>93.3°F (199.9°F) Method ISO3679
Ignition Temperature	no data available
Thermal decomposition	no data available
Lower exposure limit	no data available
Upper exposure limit	no data available
Flammability	no data available
Molecular weight	no data available
pH	not applicable
Boiling point/range	not applicable
Vapour pressure	not applicable
Relative vapour density	>1 (air=1)
Evaporation rate	no data available
Density	>1 g/cm3 @21.1°C (70.0°F)
Relative density	no data available
Bulk density	no data available
Water solubility	completely miscible
Partition Coefficient n-octanol/water	no data available
Solubility in other solvents	no data available
Viscosity dynamic	no data available
Viscosity Kinematic	no data available

10. STABILITY AND REACTIVITY

Conditions to Avoid Heat flames sparks

Hazardous Decomposition Products Build-up of dangerous/toxic fumes possible in cases of fire/high temperatures

Hazardous Reactions No decomposition if stored and applied as directed. Vapors ma form explosive mixtures with air.

11. TOXICOLOGICAL INFORMATION

Product Information

Carginogenicity	no data is available on the product itself
Reproductive toxicity	no data is available on the product itself
Teratogenicity	no data is available on the product itself

Component: CAS Number

Titanium Dioxide 13463-67-7
Acute oral toxicity - LD50 Rat - Dose >5000 mg/kg
Acute inhalation toxicity- LC50 Rat – Dose >6.82 mg/exposure time 4 h
Skin irritation - Rabbit Result - no skin irritation
Eye irritation - Rabbit Result - no eye irritation

Calcium Carbonate 1317-65-3
Acute oral toxicity - LD50 Rat - Dose >2000 mg/kg

1-methoxy-2-propanol **107-98-2**
Acute oral toxicity - LD50 Rat - Dose >4016 mg/kg
Acute dermal toxicity – LD50Rat – Dose >2000 mg/kg
Acute inhalation toxicity- LC50 Rat – Dose >28.8 mg/exposure time 4 h
Skin irritation - Rabbit Result - no skin irritation
Eye irritation - Rabbit Result - no eye irritation
Mutagenicity – tests on bacterial or mammalian cell cultures did not show mutagenic effects

Carcinogenicity:

ACGIH	No component of this product present at levels greater than or equal to 0.15 is identified as a carcinogen or potential carcinogen by ACGIH
OSHA	No component of this product present at levels greater than or equal to 0.15 is identified as a carcinogen or potential carcinogen by ASHA
NTP	No component of this product present at levels greater than or equal to 0.15 is identified as a carcinogen or potential carcinogen by NTP
IARC	**Titanium Dioxide 13463-67-7**

12. ECOLOGICAL INFORMATION

Additional Ecological Information The product should not be allowed to enter drains, water courses or the soil.

Component: CAS Number

Titanium Dioxide **13463-67-7**
Toxicity to fish – LC50 – Species: Oncorthnchus mykiss (rainbow trout) Dose >100 mg/l Exposure time 96 h
Toxicity to Algae –ErC50- Species Pseudokirchnhneriella subcapitata (microalgae) dose 61 mg/l exposure time 72 h No toxicity at the limit of solubility
Toxicity to Algae –NOEC- Species Pseudokirchnhneriella subcapitata (microalgae) dose 1 mg/l exposure time 72 h
Toxicity to Algae –ErC50- Species Skeletonema costatum dose 10,000 mg/l exposure time 72 h
Toxicity to Algae –NOEC- Species Skeletonema costatum dose 5600 mg/l exposure time 72 h

Calcium Carbonate **1317-65-3**
Toxicity to fish – LC50 – Species: Oncorthnchus mykiss (rainbow trout) Dose >10,000 mg/l Exposure time 96 h
Acute and prolonged toxicity for aquatic invertebrates – EC50- Secies Daphnia magna (water flea) dose >1000 mg/l Exposure time 48 h
Toxicity to Algae –EC50- Species desmodesmus subspicatus (gren algae) dose 200 mg/l exposure time 72 h

1-methoxy-2-propanol **107-98-2**
Toxicity to fish – LC50 – Species: Pimephales promelas (fathead minnow) Dose >20,800 mg/l Exposure time 96 h
Acute and prolonged toxicity for aquatic invertebrates – EC50- Secies Daphnia magna (water flea) dose 23,300 mg/l Exposure time 48 h
Toxicity to Algae –EC50- Species Selenastrum capricornutum (green algae) dose 1000 mg/l exposure time 96 h

13. DISPOSAL CONSIDERATIONS

Adequate Disposal Dispose of in accordance with all applicable local, state and federal regulations. Do not dispose of waste into sewer. This material and its container must be disposed of as hazardous waste. Do not dispose of together with household waste.

4. TRANSPORT INFORMATION

DOT 49 CFR Not dangerous goods
TDGR Not dangerous goods
ICAO/IATA-DGR Not dangerous goods
IMDG-Code Not dangerous goods

15. REGULATORY INFORMATION

SARA 311/312 Hazards No SARA Hazards

CERCLA Reportable Quantity This material does not contain any components with a CERCLA RQ.

EPCRA-313 This material does not contain any chemical component with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA title III, Section 313.

EPCRA-302 No chemical s in this material are subject to the reporting requirements of SARA Title III, Section 302.

PENN RTK US Pennsylvania Worker and Community Right to Know Law (34 PA Code Chap.301-323)

Component	CAS Number
Titanium Dioxide	13463-67-7
Calcium Carbonate	1317-65-3
Water	7732-18-5
Pigments	--
1-methoxy-2-propanol	107-98-2

MASS RTK US Massachusetts Commonwealth's Right to Know Law (Appendix A to 105 Code of MA Regulations Section 670.000)

Component	CAS Number
Titanium Dioxide	13463-67-7
Calcium Carbonate	1317-65-3
1-methoxy-2-propanol	107-98-2

NJ RTK US New Jersey Worker and Community Right to Know Law (NJ Statute Annotated Section 34:5A-5)

Component	CAS Number
Titanium Dioxide	13463-67-7
Calcium Carbonate	1317-65-3
Water	7732-18-5
Pigments	--
1-methoxy-2-propanol	107-98-2

California Proposition 65 Warning! This product contains a chemical known to the State of California to cause cancer. Titanium Dioxide 13463-67-7 carcinogen

16. OTHER INFORMATION

NFPA	Health Hazard 0	Flammability 1	Reactivity 0
HMIS	Health Hazard 0	Flammability 1	Physical Hazard 0

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

End of Safety Data Sheet