

MONOSILENT MONOLITHIC ACOUSTICAL CEILING

1. IDENTIFICATION

1. GYPSUM BOARD

Product identifier

USG Middle East Regular Gypsum Board

Synonym(s)

USG ME Regular Gypsum Board, Skyrock® Regular Gypsum Board

Recommended use

Interior use.

Recommended restrictions

Use in accordance with manufacturer's recommendations.

Manufacturer / Importer / Supplier / Distributor information/Company name

USG Middle East Ltd

7410 (WASIL) Street #23, Cross 76 (Right)

Second Industrial City

Dammam 34326 – 4201, Kingdom of Saudi Arabia

Tel: +966 13 812 0995 / Fax: +966 13 812 1029

E-mail: info@usgme.com / marketing@usgme.com

Website: <https://www.usgme.com>

2. HAZARD(S) IDENTIFICATION

Physical hazards

Not classified.

Health hazards

Not classified.

OSHA defined hazards

Not classified.

Label elements**Hazard symbol**

None.

Signal word

None.

Hazard statement

None.

Precautionary statement**Prevention**

Observe good industrial hygiene practices.

Response

Get medical attention/advice if you feel unwell.

Storage

Store as indicated in Section 7.

Disposal

Dispose of in accordance with local, state, and federal regulations.

Hazard(s) not otherwise classified (HNOC)

None known.

3. COMPOSITION/ INFORMATION ON INGREDIENTS

Mixtures

Chemical name	CAS number	%
Calcium sulfate dihydrate (alternative CAS 10101-41-4)	13397-24-5	80
Cellulose	9004-34-6	< 10
Crystalline Silica	14808-60-7	< 5

Composition comments

All concentrations are in percent by weight unless ingredient is a gas.

The gypsum used to manufacture these panels contains respirable crystalline silica ranging up to 0.56 percent by weight, depending on source, as indicated by bulk sampling methods. Industrial hygiene laboratory testing using both personal and area sampling measured no detectable respirable crystalline silica when cutting the product by "score and snap," rotary saw, or circular saw. Good work practices which minimize the extent of dust generation should be followed, and actual employee exposure must be determined by workplace industrial hygiene testing.

4. FIRST-AID MEASURES**Inhalation**

Dust irritates the respiratory system, and may cause coughing and difficulties in breathing. Move injured person into fresh air and keep person calm under observation. Get medical attention if symptoms persist.

Skin contact

Contact with dust: Rinse area with plenty of water. Get medical attention if irritation develops or persists.

Eye contact

Dust in the eyes: Do not rub eyes. Flush thoroughly with water. If irritation occurs, get medical assistance.

Ingestion

Rinse mouth. Get medical attention if symptoms occur.

Most important symptoms/effects, acute and delayed

Under normal conditions of intended use, this material does not pose a risk to health. Dust may irritate throat and respiratory system and cause coughing.

Indication of immediate medical attention and special treatment needed

Provide general supportive measures and treat symptomatically.

General information

Ensure that medical personnel are aware of the material(s) involved.

5. FIRE-FIGHTING MEASURES**Suitable extinguishing media**

Use fire-extinguishing media appropriate for surrounding materials.

Unsuitable extinguishing media

Not applicable.

Specific hazards arising from the chemical

Not a fire hazard.

Special protective equipment and precautions for firefighters

Selection of respiratory protection for firefighting: follow the general fire precautions indicated in the workplace. Self-contained breathing apparatus and full protective clothing must be worn in case of fire.

Fire-fighting equipment/instructions

Use standard firefighting procedures & consider the hazards of other involved materials.

Specific methods

Cool material exposed to heat with water spray and remove it if no risk is involved.

6. ACCIDENTAL RELEASE MEASURES**Personal precautions, protective equipment and emergency procedures**

See Section 8 of the SDS for Personal Protective Equipment.

Methods and materials for containment and cleaning up

No specific clean-up procedure noted. For waste disposal, see Section 13 of the SDS.

Environmental precautions

Avoid discharge to drains, sewers, and other water systems.

7. HANDLING AND STORAGE**Precautions for safe handling**

Use work methods which minimize dust production. Avoid inhalation of dust and contact with skin and eyes. Wear appropriate personal protective equipment. Wash hands after handling. Observe good industrial hygiene practices. When moving board with a forklift or similar equipment, it is essential that the equipment be rated capable of handling the loads. The forks should always be long enough to extend completely through the width of the load. Fork spacing between supports should be one half the length of the panels or base being handled so that a maximum of 1.2 M extends beyond the supports on either end.

Follow traditional building practices; such as management of water away from the interior of the structure to avoid the growth of mold, mildew and fungus. Remove any building products suspected of being exposed to sustained moisture and considered conducive to mold growth from the job site. Gypsum panels are very heavy, awkward loads posing the risk of severe back injury. Use proper lifting techniques.

Conditions for safe storage, including any incompatibilities

Store in a cool, dry, well-ventilated place. Store away from incompatible materials. Protect product from physical damage. Protect from weather and prevent exposure to sustained moisture. Gypsum Association literature (GA-801-07) recommends storing board flat to avoid damaging edges, warping the board and the potential safety hazards of the board falling over. However, in other situations, storing the board flat may cause a tripping hazard or exceed floor limit loads. If stacking board vertically, leave at least 10 CM from the wall to decrease the risk of falling board and no more than 15 CM to avoid too much lateral weight against the wall.

Occupational exposure limits**US. OSHA Table Z-1 Limits for Air
Contaminants (29 CFR 1910.1000)**

Components	CAS number	Value	Form
Calcium sulfate dihydrate (alternative CAS10101-41-4) (CAS13397-24-5)	PEL	5 mg/m ³	Respirable fraction
Cellulose (CAS 9004-34-6)	PEL	15 mg/m ³ 5 mg/m ³ 15 mg/m ³	Total dust. Respirable fraction. Total dust

**US. OSHA Table Z-1 Limits for Air
Contaminants (29 CFR 1910.1000)**

Components	CAS number	Value	Form
Calcium sulfate dihydrate (alternative CAS 10101-41-4 (CAS 13397-24-5)	TWA	10 mg/m ³	Inhalable fraction
Cellulose (CAS 9004-34-6)	TWA TWA	10 mg/m ³	Respirable fraction

**US. NIOSH: Pocket Guide to
Chemical Hazards**

Components	CAS number	Value	Form
Calcium sulfate dihydrate (alternative CAS 10101-41-4 (CAS 13397-24-5)	TWA	5 mg/m ³	Respirable.
Cellulose (CAS 9004-34-6)	TWA TWA	10 mg/m ³ 5 mg/m ³ 10 mg/m ³	Total Respirable. Total

Biological limit values

No biological exposure limits noted for the ingredient(s).

Appropriate engineering controls personal protective equipment

Provide sufficient ventilation for operations causing dust formation.

Eye/face protection

Wear approved safety goggles.

Skin protection Hand protection

It is a good industrial hygiene practice to minimize skin contact. For prolonged or repeated skin contact use suitable protective gloves.

Other

Normal work clothing (long sleeved shirts and long pants) is recommended.

Respiratory protection

If engineering controls do not maintain airborne concentrations below recommended exposure limits (where applicable) or to an acceptable level (in countries where exposure limits have not been established), an approved respirator must be worn. Use a NIOSH/MSHA approved air purifying respirator as needed to control exposure. Consult with respirator manufacturer to determine respirator selection, use, and limitations. Use positive pressure, air-supplied respirator for uncontrolled releases or when air purifying respirator limitations may be exceeded. Follow respirator protection program requirements (OSHA 1910.134 and ANSI Z88.2) for all respirator use. Observe any medical surveillance requirements.

Thermal hazards

None.

General hygiene considerations

Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants. Observe any medical surveillance requirements.

9. PHYSICAL AND
CHEMICAL PROPERTIES

Appearance
Physical state
Solid.
Form
Panel.
Color
Gray to off-white.
Odor
Low to no odor.
Odor threshold
Not applicable.
pH
6-8
Melting point/freezing point
Not applicable.
Initial boiling point and boiling range
Not applicable.
Flash point
Not applicable.
Evaporation rate
Not applicable.
Flammability (solid, gas)
Not applicable.
Upper/lower flammability or explosive limits
Flammability limit - lower (%)
Not applicable.
Flammability limit - upper (%)
Not applicable.
Explosive limit - lower (%)
Not applicable.
Explosive limit - upper (%)
Not applicable.

Vapor pressure
Not applicable.
Vapor density
Not applicable.
Relative density
2.32(Gypsum)(H²O=!)
Solubility(ies)
0.26g/100g (H²O)
Partition coefficient (n-octanol/water)
Not applicable.
Auto-ignition temperature
Not applicable.
Decomposition temperature
1450 °C.
Viscosity
Not applicable.
Other information
Bulk density
750-820 kg/m³
Particle size
Varies.
VOC (Weight %)
0 %
Formaldehyde Emissions
Complies with Class E1 for Formaldehyde Emissions

10. STABILITY AND
REACTIVITY

Reactivity
Not available.
Chemical stability
Material is stable under normal conditions.
Possibility of hazardous reactions
Hazardous polymerization does not occur.
Conditions to avoid
Contact with incompatible materials.
Incompatible materials
Strong oxidizing agents.
Hazardous decomposition products
Calcium oxides, carbon dioxide, and carbon monoxide.

11. TOXICOLOGICAL
INFORMATION

Information on likely routes of exposure
Not likely, due to the form of the product.
Ingestion Inhalation
Mechanical processing may generate dust. Gypsum dust has an irritant action on mucous membranes of the upper respiratory tract and eyes (1).
Under normal conditions of intended use, this material does not pose a skin hazard.
Skin contact
Gypsum was not found to be a skin irritant (2).
Mechanical processing may generate dust. Direct contact with eyes may cause temporary irritation (1).
Eye contact
Under normal conditions of intended use, this material does not pose a risk to health.

Symptoms related to the physical, chemical and toxicological characteristics
Information on toxicological effects

Low hazard.

Acute toxicity

Gypsum was not found to be a skin irritant.

Skin corrosion/irritation

Gypsum does not cause serious eye damage or irritation.

Serious eye damage/eye irritation

No data available, but based on results from the skin sensitization study, calcium sulfate is not expected to be a respiratory sensitizer. Not a skin sensitizer (2).

Respiratory or skin sensitization

sulfate is not expected to be a respiratory sensitizer.

Not a skin sensitizer (2).

Skin sensitization

No evidence of mutagenic potential exists (3,4,5).

Germ cell mutagenicity

No evidence of carcinogenic potential exists (6).

Carcinogenicity

No evidence of reproductive toxicity exists (2).

Reproductive toxicity

Not toxic to lung tissue.

Specific target organ toxicity - Reproductive toxicity

Not toxic to lung tissue (6).

Specific target organ toxicity - Repeated exposure

Due to the physical form of the product it is not an aspiration hazard.

Aspiration hazard

Pre-existing skin and respiratory conditions including dermatitis, asthma and chronic lung disease might be aggravated by exposure.

Ecotoxicity

The product components are not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment.

Components	Species	Test Results
Calcium sulfate dihydrate (alternative CAS 10101-41-4) (CAS 13397-24-5)	LC50	Fathead minnow (Pimephales promelas) > 1970 mg/l, 96 hours
Persistence and degradability		Not applicable for the salt of inorganic compounds. Calcium sulfate dissolves in water without undergoing chemical degradation.
Bioaccumulative potential Mobility in soil		Bioaccumulation is not expected.
Mobility in soil		Calcium sulfate has a low potential for adsorption to soil. If water is applied, gypsum dissolves and the calcium and sulfate ions are mobile and penetrate the subsoil (7).
Other adverse effects		None expected.

Disposal instructions

Dispose in accordance with applicable federal, state, and local regulations. Recycle responsibly.

Local disposal regulations

Dispose of in accordance with local regulations.

Hazardous waste code

Not regulated.

Waste from residues / unused products

Dispose of in accordance with local regulations.

Contaminated packaging

Dispose of in accordance with local regulations.

12. ECOLOGICAL INFORMATION

13. DISPOSAL CONSIDERATIONS

14. TRANSPORT INFORMATION

DOT

Not regulated as a hazardous material by DOT.

IATA

Not regulated as a dangerous good.

IMDG

Not regulated as a dangerous good.

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

This product is a solid. Therefore, bulk transport is governed by IMS- BC code.

15. REGULATORY INFORMATION

Saudi Arabian Inventory of Chemical Substance:

CAS#	13397-24-5	Calcium sulfate dihydrate
CAS#	9004-34-6	Cellulose
CAS#	14808-60-7	Crystalline Silica

16. OTHER INFORMATION

Further information

NFPA Ratings:

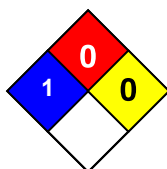
Health: 1

Flammability: 0

Physical hazard: 0

Hazard Scale: 0 = Minimal 1 = Slight 2 = Moderate 3 = Serious 4 = Severe

NFPA Ratings



Abbreviations and acronyms

NFPA: National Fire Protection Association.

1. US National Library of Medicine (NLM) (1998). Hazardous Substances Data Bank (HSDB).
2. Tested by LG Life Science/Toxicology Center, Korea (2002). National Institute of Environmental Research (NIER).
3. Dopp E et al. (1995). Environ. Health Perspect. 103(3), 268-271.
4. Cremer H.H. et al. (1988). Wiss. Umwelt. 4, 202-205.
5. Fujita H et al. (1988). Kenkyu Nenpo-Tokyo-Toritsu Eisei Kenkyunsho. 39, 343-350. 6. Shainberg et al. (1989). Advanced Soil Sci. 9, 1-111.

Disclaimer

This information is provided without warranty. The information is believed to be correct. This information should be used to make an independent determination of the methods to safeguard workers and the environment.

1. IDENTIFICATION

2. GLASSWOOL INSULATION

Product identifier

Glasswool Insulation

Synonym(s)

Monosilent Monolithic Acoustical Ceiling

Recommended use

Interior use

Recommended restrictions

Use in accordance with manufacturer's recommendations.

Manufacturer / Importer / Supplier / Distributor information/Company name

USG Middle East Ltd

7410 (WASIL) Street #23, Cross 76 (Right)

Second Industrial City

Dammam 34326 - 4201, Kingdom of Saudi Arabia

Tel: +966 13 812 0995 / Fax: +966 13 812 1029

E-mail: info@usgme.com / marketing@usgme.com

Website: https://www.usgme.com

2. HAZARD(S) IDENTIFICATION

Emergency Overview

This product is not expected to produce any unusual hazards during normal use according to the Globally Harmonized System of Classification and Labelling of Chemicals (GHS). Exposure to high dust levels may irritate the skin, eyes, nose, throat, or upper respiratory tract. Man-made mineral fibers have been classified by the European Union as irritating to skin.

Signal word

Void

Hazard statement

Void

3. COMPOSITION/ INFORMATION ON INGREDIENTS

Mixtures

Chemical name	CAS number	%
Continuous filament glass fiber	65997-17-3	< 70
Aluminum hydroxide	21645-51-2	< 10
Limestone	1317-65-3	< 5
Titanium dioxide	13463-67-7	< 5

Composition comments

All concentrations are in percent by weight unless ingredient is a gas. Product is composed of continuous fibers that do not qualify as respirable.

Raw materials and/or coatings in this product contain small amounts of titanium dioxide, which has been classified as possibly carcinogenic to humans by the International Agency for Research on Cancer (IARC). However, per IARC "no significant exposure to primary particles of titanium dioxide is thought to occur during the use of products in which titanium dioxide is bound to other materials, such as in paints" (1). See Section 16 for further information.

4. FIRST-AID MEASURES

Inhalation
Remove to fresh air. Leave the area of exposure and remain away until coughing and other symptoms subside. Other measures are usually not necessary; however if conditions warrant, contact physician.

Skin contact
Direct, prolonged or repeated contact with the skin may cause irritation. Rinse area with plenty of water. Get medical attention if irritation develops and persists.

Eye contact
Do not rub eyes. Flush thoroughly with water. If irritation occurs, get medical assistance.

Ingestion
This product is not intended to be ingested or eaten. If gastric disturbance occurs, call physician.

Most important symptoms/effects, acute and delayed
Mechanical irritation of skin, eyes and respiratory system.

Indication of immediate medical attention and special treatment needed
Provide general supportive measures and treat symptomatically.

General information
Ensure that medical personnel are aware of the material(s) involved.

5. FIRE-FIGHTING MEASURES

Suitable extinguishing media
Use fire-extinguishing media appropriate for surrounding materials.

Unsuitable extinguishing media
Not applicable.

Specific hazards arising from the chemical
Not a fire hazard.

Special protective equipment and precautions for fire fighters
Selection of respiratory protection for fire fighting: follow the general fire precautions indicated in the workplace. Self-contained breathing apparatus and full protective clothing must be worn in case of fire.

Fire-fighting equipment/instructions
Use standard fire fighting procedures and consider the hazards of other involved materials.

Specific methods
Cool material exposed to heat with water spray and remove it if no risk is involved.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures
See Section 8 of the SDS for Personal Protective Equipment.

Methods and materials for containment and cleaning up
No specific clean-up procedure noted. For waste disposal, see Section 13 of the SDS.

7. HANDLING AND STORAGE

Precautions for safe handling
Avoid contact with skin and eyes. Wear appropriate personal protective equipment.
Wash hands after handling. Observe good industrial hygiene practices.

Conditions for safe storage, including any incompatibilities
Store in a cool, dry, well-ventilated place. Keep away from incompatible materials, open flames and high temperatures. Keep away from moisture. Protect product from physical damage.

8. EXPOSURE CONTROLS/ PERSONAL PROTECTION

Occupational exposure limits US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000)			
Components	Type	Value	Form
Limestone (CAS 1317-65-3)	PEL	5 mg/m³	Respirable fraction.
Titanium dioxide (CAS 13463-67-7)	PEL	15 mg/m³	Total dust.
		15 mg/m³	Total dust.

US. ACGIH Threshold Limit Values			
Components	Type	Value	Form
Aluminum hydroxide (CAS 21645-51-2)	TWA	1 mg/m³	Respirable fraction.
Continuous filament glass fiber (CAS 65997-17-3)	TWA	1 fiber/cm³	“Respirable fibers (length > 5 µm & aspect ratio 3:1)”

US. ACGIH Threshold Limit Values			
Components	Type	Value	Form
Titanium dioxide (CAS 13463-67-7)	TWA	5 mg/m³	Inhalable fraction.
		10 mg/m³	

US. NIOSH: Pocket Guide to Chemical Hazards

Components	Type	Value	Form
Continuous filament glass fiber (CAS 65997-17-3)	TWA	3 fibers/cm3	Respirable fibers ($\leq 3.5\text{ }\mu\text{m}$ in diameter & $\geq 10\text{ }\mu\text{m}$ in length)
Limestone (CAS 1317-65-3)	TWA	5 mg/m3 5 mg/m3 10 mg/m3	Fiber, total Respirable. Total

Biological limit values

No biological exposure limits noted for the ingredient(s).

Appropriate engineering controls personal protective equipment

Provide sufficient ventilation for operations causing dust formation. Observe occupational exposure limits and minimize the risk of exposure.

Individual protection measures, such as personal protective equipment

Eye/face protection

Wear approved safety goggles.

Skin protection

Hand protection

It is a good industrial hygiene practice to minimize skin contact. For prolonged or repeated skin contact use suitable protective gloves.

Other

Normal work clothing (long sleeved shirts and long pants) is recommended.

Respiratory protection

If engineering controls do not maintain airborne concentrations below recommended exposure limits (where applicable) or to an acceptable level (in countries where exposure limits have not been established), an approved air supplied air respirator must be worn. Use a NIOSH/MSHA approved air purifying respirator as needed to control exposure. Consult with respirator manufacturer to determine respirator selection, use, and limitations. Use positive pressure, air-supplied respirator for uncontrolled releases or when air purifying respirator limitations may be exceeded. Follow respirator protection program requirements (OSHA 1910.134 and ANSI Z88.2) for all respirator use.

Thermal hazards

None

General hygiene considerations

Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants. Observe any medical surveillance requirements.

Appearance

Physical state

Solid.

Form

Panel.

Color

White face with amber core

Odor

Low to no odor.

Odor threshold

Not applicable.

pH

Not applicable.

Melting point/freezing point

800°C

Initial boiling point and boiling range

Not applicable.

Flash point

Not applicable.

Evaporation rate

Not applicable.

Flammability (solid, gas)

Not applicable.

Upper/lower flammability or explosive limits

Flammability limit - lower (%)

Not applicable.

Flammability limit - upper (%)

Not applicable.

Explosive limit - lower (%)

Not applicable.

Explosive limit - upper (%)

Not applicable.

Vapor pressure

Not applicable.

Vapor density

Not applicable.

Relative density

0.05 - 0.06(H₂O=1 Approximately)

Solubility(ies)

Not soluble.

Partition coefficient (n-octanol/water)

Not applicable.

Auto-ignition temperature

Not applicable.

Decomposition temperature

Not applicable.

10. STABILITY AND
REACTIVITY

Viscosity
Not applicable.

Other information

Bulk density
90-150 kg/m³

VOC (Weight %)
0 %

Formaldehyde Emissions
Complies with Class E1 for Formaldehyde Emissions

11. TOXICOLOGICAL
INFORMATION

Reactivity
The product is stable and non reactive under normal conditions of storage and transport.

Chemical stability
Material is stable under normal conditions.

Possibility of hazardous reactions
Hazardous polymerization does not occur.

Conditions to avoid
Contact with incompatible materials.

Incompatible materials
Strong oxidizing agents.

Hazardous decomposition products
Carbon dioxide.

Information on likely routes of exposure

Ingestion
Under normal conditions of intended use, this material does not pose a risk to health.
This product is not intended nor expected to be ingested or eaten.

Inhalation
Inhalation of dusts may cause respiratory irritation.

Skin contact
Direct, prolonged or repeated contact with the skin may cause irritation.

Eyes contact
Direct contact may cause mechanical irritation of the eyes.

Symptoms related to the physical, chemical and toxicological characteristics
Mechanical irritation via inhalation or skin contact may cause coughing or difficulty breathing and/or skin redness and itching.

Information on toxicological effects

Acute toxicity
Low hazard.

Components	Species	Test Results
Aluminum hydroxide (CAS 21645-51-2) Acute Inhalation LC50	Rat	7.6 mg/l, 1 Hours > 0.888 mg/l, 4 Hours
Oral LD50 Titanium dioxide (CAS 13463-67-7)	Rat	> 15900 mg/kg
Acute Inhalation LC50	Rat	> 2.28 mg/l, 4 Hours
Oral LD50	Rat	> 11000 mg/kg

Skin corrosion/irritation

Prolonged skin contact may cause temporary irritation.

Serious eye damage/eye irritation

Direct contact with eyes may cause temporary irritation.

Respiratory or skin sensitization**Respiratory sensitization**

Not a respiratory sensitizer.

Skin sensitization

Not a skin sensitizer.

Germ cell mutagenicity

Not expected to be mutagenic.

Carcinogenicity

This material is not classified as a carcinogen by IARC, ACGIH, NTP or OSHA.

IARC Monographs. Overall Evaluation of Carcinogenicity

Continuous filament glass fiber (CAS 65997-17-3): 3 Not classifiable as to carcinogenicity to humans.

OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050)

Not listed.

Reproductive toxicity

Not expected to be a reproductive hazard.

Specific target organ toxicity - single exposure

No data available, but none expected.

Specific target organ toxicity - repeated exposure

Not classified.

Aspiration hazard

Due to the physical form of the product it is not an aspiration hazard.

Further information

No other specific acute or chronic health impact noted.

**12. ECOLOGICAL
INFORMATION****Ecotoxicity**

The product components are not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent releases can have a harmful or damaging effect on the environment.

Persistence and degradability

No data is available.

Bioaccumulative potential

Bioaccumulation is not expected.

Mobility in soil

The product is not mobile in soil.

Other adverse effects

None expected.

**13. DISPOSAL
CONSIDERATIONS****Disposal instruction**

Dispose in accordance with applicable federal, state, and local regulations. Recycle responsibly.

Local disposal regulations

Dispose of in accordance with local regulations.

Hazardous waste code

Not regulated.

Waste from residues / unused products

Dispose of in accordance with local regulations.

Contaminated packaging

Dispose of in accordance with local regulations.

**14. TRANSPORT
INFORMATION****DOT**

Not regulated as dangerous goods.

IATA

Not regulated as a dangerous good.

IMDG

Not regulated as a dangerous good.

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not applicable. This product is a solid. Therefore, bulk transport is governed by IMSBC code.

15. REGULATORY INFORMATION

Saudi Arabian Inventory of Chemical Substance:

CAS#	5997-17-3	Continuous filament glass fiber
CAS#	21645-51-2	Aluminum hydroxide
CAS#	1317-65-3	Limestone
CAS#	13463-67-7	Titanium dioxide

16. OTHER INFORMATION

Further information

The International Agency for Research on Cancer (IARC) in June, 1987, categorized continuous filament glass fibers as not classifiable with respect to human carcinogenicity (Group 3). The evidence from human as well as animal studies was evaluated by IARC as insufficient to classify continuous filament glass fiber as a possible, probable, or confirmed cancer causing material. The ACGIH has established a TLV (Threshold Limit Value or recommended exposure limit) for continuous filament glass fiber of 1 fiber per cubic centimeter of air for respirable fibers and 5 mg per cubic meter of air for inhalable glass fiber dust. These levels were established to prevent mechanical irritation of the upper airways.

IARC, NTP (US National Toxicology Program) and OSHA (US Occupational Safety and Health Administration) do not list continuous filament glass fibers as a carcinogen.

As manufactured, continuous filament glass fibers in this product are not respirable. Continuous filament glass products that are chopped, crushed or severely mechanically processed during manufacturing or use may contain a very small amount of respirable particulate, some of which may be glass shards.

"Titanium dioxide: Raw materials and/or coatings in this product contain small amounts of titanium dioxide. The International Agency for Research on Cancer (IARC) has determined that titanium dioxide is possibly carcinogenic to humans (Group 2B) based on inadequate evidence in humans and sufficient evidence in experimental animals. This conclusion relates to long-term inhalation exposure to high concentrations of pigmentary (powdered) or ultrafine titanium dioxide. However, no significant exposure to primary particles of titanium dioxide is thought to occur during the use of products in which titanium dioxide is bound to other materials, such as in paints. The available human studies do not suggest an association between occupational exposure to titanium dioxide and risk for cancer (1). The American Conference of Governmental Industrial Hygienists (ACGIH) has designated this chemical as not classifiable as a human carcinogen (A4). The US National Toxicology Program (NTP) has not listed this chemical in its report on carcinogens."

NFPA Ratings:

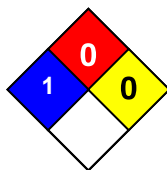
Health: 1

Flammability: 0

Physical hazard: 0

Hazard Scale: 0 = Minimal 1 = Slight 2 = Moderate 3 = Serious 4 = Severe

NFPA Ratings:



List of abbreviations

GHS: Globally Harmonized System of Classification and Labelling of Chemicals

CAS: Chemical Abstracts Service (division of the American Chemical Society)

IARC: International Agency for Research on Cancer

TWA: Time Weighted Average

PEL: Permissible Exposure Limit

Disclaimer

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3. MONOSILENT ACOUSTICAL PLASTER

1. IDENTIFICATION

Product identifier

Monosilent Acoustical Plaster.

Other means of identification

Acoustical Spray Finish.

Recommended use

Interior use.

Recommended restrictions

Use in accordance with manufacturer's recommendations.

Manufacturer / Importer / Supplier / Distributor information/Company name

USG Middle East Ltd

7410 (WASIL) Street #23, Cross 76 (Right)

Second Industrial City

Dammam 34326 – 4201, Kingdom of Saudi Arabia

Tel: +966 13 812 0995 / Fax: +966 13 812 1029

E-mail: info@usgme.com / marketing@usgme.com

Website: <https://www.usgme.com>

2. HAZARD(S) IDENTIFICATION

Physical hazards

Not classified.

Health hazards

Not classified.

OSHA defined hazards

Not classified.

Label elements**Hazard symbol**

None.

Signal word

None.

Hazard statement

None.

Precautionary statement**Prevention**

Observe good industrial hygiene practices.

Response

Get medical attention/advice if you feel unwell.

Storage

Store as indicated in Section 7.

Disposal

Dispose of in accordance with local, state, and federal regulations.

Hazard(s) not otherwise classified (HNOC)

None.

3. COMPOSITION/ INFORMATION ON INGREDIENTS

Mixtures

Chemical name	CAS number	%
Water	7732-18-5	<20
TiO2	13463-67-7	<6
Clay	1332-58-7	<15
Calcium Carbonate	471-34-1	<60
Latex Emulsion	9003-20-7	<10
Crystalline Silica	14808-60-7	<5

4. FIRST-AID MEASURES

Inhalation
Dust irritates the respiratory system, and may cause coughing and difficulties in breathing. Move injured person into fresh air and keep person calm under observation. Get medical attention if symptoms persist.

Skin contact
Contact with dust: Rinse area with plenty of water. Get medical attention if irritation develops or persists.

Eye contact
Dust in the eyes: Do not rub eyes. Flush thoroughly with water. If irritation occurs, get medical assistance.

Ingestion
Rinse mouth. Get medical attention if symptoms occur.

Most important symptoms/effects, acute and delayed
Under normal conditions of intended use, this material does not pose a risk to health.
Dust may irritate throat and respiratory system and cause coughing.

Indication of immediate medical attention and special treatment needed
Provide general supportive measures and treat symptomatically.

General information
Ensure that medical personnel are aware of the material(s) involved.

5. FIRE-FIGHTING MEASURES

Suitable extinguishing media
Use fire-extinguishing media appropriate for surrounding materials.

Unsuitable extinguishing media
Not applicable.

Specific hazards arising from the chemical
Not a fire hazard.

Special protective equipment and precautions for firefighters
Selection of respiratory protection for firefighting: follow the general fire precautions indicated in the workplace. Self-contained breathing apparatus and full protective clothing must be worn in case of fire.

Fire-fighting equipment/instructions
Use standard firefighting procedures and consider the hazards of other involved materials.

Specific methods
Cool material exposed to heat with water spray and remove it if no risk is involved.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures
See Section 8 of the SDS for Personal Protective Equipment.

Methods and materials for containment and cleaning up
Large Spills: Scoop spilled materials and recover as much of the product as possible for use. If spillage is unrecoverable, dispose according to local, state, and federal regulations.
Small Spills: Wipe up with absorbent material (e.g. cloth, fleece).
Clean surface thoroughly to remove residual contamination.

Environmental precautions
Avoid discharge to drains, sewers, and other water systems.

7. HANDLING AND STORAGE

Precautions for safe handling
Avoid inhalation of dust and contact with skin and eyes. Minimize dust generation and accumulation. In case of insufficient ventilation, wear suitable respiratory equipment. Wash hands after handling. Observe good industrial hygiene practices. Use proper lifting techniques.

Conditions for safe storage, including any incompatibilities
Store in a cool, dry place. Store in a closed container away from incompatible materials. Protect from moisture. Keep away from heat. Do not use if material has spoiled, i.e. there is a mouldy appearance or an unpleasant odor. Keep container closed when not in use.

8. EXPOSURE CONTROLS/ PERSONAL PROTECTION

US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000)			
Components	CAS number	Value	Form
Calcium carbonate (CAS 471-34-1)	PEL	5 mg/m³	Respirable fraction.
		15 mg/m³	Total dust.
Titanium dioxide (CAS 13463-67-7)	PEL	15 mg/m³	Total dust.
		15 mg/m³	

US. OSHA Table Z-3 (29 CFR 1910.1000)			
Components	CAS number	Value	Form
Titanium dioxide (CAS 13463-67-7)	TWA	5 mg/m³	Respirable fraction.
Titanium dioxide (CAS 13463-67-7)		15 mg/m³	Total dust.
(CAS 14808-60-7)	PEL	50 mppcf	Total dust.
		15 mg/m³	Respirable fraction.

US. ACGIH Threshold Limit Values

Components	CAS number	Value	Form
Titanium dioxide (CAS 13463-67-7)	TWA	10 mg/m ³	Respirable fraction. Total dust.

US. NIOSH: Pocket Guide to Chemical Hazards

Components	CAS number	Value	Form
Calcium carbonate (CAS 471-34-1) (CAS 14808-60-7)	TWA	5 mg/m ³ 10 mg/m ³	Respirable. Total.

Biological limit values

No biological exposure limits noted for the ingredient(s).

Appropriate engineering controls personal protective equipment

Provide sufficient ventilation for operations causing dust formation.

Observe occupational exposure limits and minimize the risk of exposure.

Individual protection measures, such as personal protective equipment

Eye/face protection

Wear approved safety goggles.

Skin protection

Hand protection

It is a good industrial hygiene practice to minimize skin contact. For prolonged or repeated skin contact use suitable protective gloves.

Other

Normal work clothing (long sleeved shirts and long pants) is recommended.

Respiratory protection

If engineering controls do not maintain airborne concentrations below recommended exposure limits (where applicable) or to an acceptable level (in countries where exposure limits have not been established), an approved respirator must be worn. Use a NIOSH/MSHA approved air purifying respirator as needed to control exposure. Consult with respirator manufacturer to determine respirator selection, use, and limitations. Use positive pressure, air-supplied respirator for uncontrolled releases or when air purifying respirator limitations may be exceeded. Follow respirator protection program requirements (OSHA 1910.134 and ANSI Z88.2) for all respirator uses. Observe any medical surveillance requirements.

Thermal hazards

None.

General hygiene considerations

Always observe good personal hygiene measures, such as washing after handling the material, and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment separately from regular wash. Observe any medical surveillance requirements.

Appearance

Physical state

Semi-solid.

Form

Semi-solid.

Color

White.

Odor

To be determined.

Odor threshold

Not applicable.

pH

9 - 9.8

Melting point/freezing point

Not applicable.

Initial boiling point and boiling range

Not applicable.

Flash point

Not applicable.

Evaporation rate

Not applicable.

Flammability (solid, gas)

Not applicable.

Upper/lower flammability or explosive limits

Flammability limit - lower (%)

Not applicable.

Flammability limit - upper (%)

Not applicable.

Explosive limit - lower (%)

Not applicable.

Explosive limit - upper (%)

Not applicable.

Vapor pressure

Not applicable.

Vapor density

Not applicable.

Relative density

0.66 - 0.77

Solubility(ies)

Solubility (water)

Not applicable.

10. STABILITY AND REACTIVITY

Partition coefficient (n-octanol/water)

Not applicable.

Auto-ignition temperature

Not applicable.

Decomposition temperature

Not applicable.

Viscosity

Not applicable.

Other information

Bulk density

700-770 kg/m³

VOC (Weight %)

<50 g/l

11. TOXICOLOGICAL INFORMATION

Reactivity

The product is stable and non-reactive under normal conditions of use, storage, and transport.

Chemical stability

Material is stable under normal conditions.

Possibility of hazardous reactions

Hazardous polymerization does not occur.

Conditions to avoid

Contact with incompatible materials.

Incompatible materials

Acids. Exposure to water and acids must be supervised because the reactions are vigorous and produce large amounts of heat.

Hazardous decomposition products

Above 800°C limestone (CaCO₃) can decompose to lime (CaO) and release carbon dioxide (CO₂).

Information on likely routes of exposure

Inhalation

Inhalation of dust may cause respiratory irritation.

Skin contact

Under normal conditions of intended use, this product does not pose a skin hazard.

Eyes contact

Direct contact with airborne particulates may cause temporary irritation.

Ingestion

Ingestion may cause irritation and stomach discomfort.

Symptoms related to the physical, chemical and toxicological characteristics

Dust may irritate eye and mucous membranes of the nose, throat, and upper respiratory system causing sneezing and/or coughing.

Information on toxicological effects

Acute toxicity

Not expected to be a hazard under normal conditions of intended use.

Components	Species	Test results
Titanium dioxide (CAS 13463-67-7)		
Acute		
Inhalation		
LC50	Rat	3.43 mg/l, 4 hours
Oral		
LC50	Rat	>5000 mg/kg

Skin corrosion/irritation

Prolonged or repeated skin contact may cause drying, cracking, or irritation.

Serious eye damage/eye irritation

Direct contact with eyes may cause temporary irritation.

Respiratory or skin sensitization

Respiratory sensitization

Not a respiratory sensitizer.

Skin sensitization

Not a skin sensitizer.

Germ cell mutagenicity

Data does not suggest that this product or any components present at greater than 0.1% are mutagenic or genotoxic.

Carcinogenicity

This product is not expected to increase the risk of cancer.

IARC Monographs. Overall Evaluation of Carcinogenicity

Not listed.

NTP Report on Carcinogens

Not listed.

OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050)

Not regulated.

Reproductive toxicity

Not expected to be a reproductive hazard.

Specific target organ toxicity-single exposure

No data available, but none expected.

Specific target organ toxicity -repeated exposure

No data available, but none expected.

Aspiration hazard

Not an aspiration hazard.

Chronic effects

Pre-existing skin and respiratory conditions including dermatitis, asthma, and chronic lung disease might be aggravated by exposure.

**12. ECOLOGICAL
INFORMATION**

Ecotoxicity

The product is not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment.

Persistence and degradability

No data available

Bioaccumulative potential

Bioaccumulation is not expected.

Mobility in soil

No data available.

Other adverse effects

None expected.

**13. DISPOSAL
CONSIDERATIONS**

Disposal instruction

Dispose in accordance with applicable federal, state, and local regulations. Recycle responsibly.

Local disposal regulations

Dispose of in accordance with local regulations.

Hazardous waste code

Not regulated.

Waste from residues / unused products

Dispose of in accordance with local regulations.

Contaminated packaging

Dispose of in accordance with local regulations.

**14. TRANSPORT
INFORMATION**

DOT

Not regulated as dangerous goods.

IATA

Not regulated as a dangerous good.

IMDG

Not regulated as a dangerous good.

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not applicable.

**15. REGULATORY
INFORMATION**

Saudi Arabian Inventory of Chemical Substance:

CAS #	7732-18-5	Water
CAS #	13463-67-7	TiO2
CAS #	1332-58-7	Clay
CAS #	471-34-1	Calcium Carbonate
CAS #	9003-20-7	Latex Emulsion
CAS #	14808-60-7	Crystalline Silica

16. OTHER INFORMATION

Further information

Titanium dioxide: In lifetime inhalation studies of experimental rats, airborne nano-sized (15-40 nanometre particle size range) particles caused lung tissue overload, chronic inflammation, and subsequent tumour formation. Because of these study results, titanium dioxide was classified by IARC as a 2B (possibly carcinogenic to humans). However, other laboratory animals such as mice and hamsters did not develop lung tumors under similar testing conditions. Furthermore, results of two major human epidemiology studies among titanium dioxide workers in the US and in Europe did not demonstrate an elevated lung cancer risk, and did not suggest an association between occupational exposure to titanium dioxide and risk for cancer. The titanium dioxide contained in this product is embedded, and generation of airborne nano-sized titanium dioxide particles are not expected.

NFPA Ratings:

Health: 1
Flammability: 0
Physical hazard: 0
Hazard Scale: 0 = Minimal 1 = Slight 2 = Moderate 3 = Serious 4 = Severe

NFPA Ratings:



List of abbreviations References

NFPA: National Fire Protection Association.
Registry of Toxic Effects of Chemical Substances (RTECS) HSDB®
- Hazardous Substances Data Bank Torben et al. (2001).
Environmental and Health Assessment of Substances
in Household Detergents and Cosmetic Products.

Disclaimer

This information is provided without warranty. The information is believed to be correct. This information should be used to make an independent determination of the methods to safeguard workers and the environment.

4. MONOSILENT COMPOUND, READY-MIXED

1. IDENTIFICATION

Product identifier

Monosilent Compound, Ready-Mixed

Synonym(s)

Joint Compound (Ready-Mixed), Taping Compound, Mud, Finishing Compound

Recommended use

Interior use

Recommended restrictions

Use in accordance with manufacturer's recommendations

Manufacturer / Importer / Supplier / Distributor information/Company name

USG Middle East Ltd

7410 (WASIL) Street #23, Cross 76 (Right)

Second Industrial City

Dammam 34326 – 4201, Kingdom of Saudi Arabia

Tel: +966 13 812 0995 / Fax: +966 13 812 1029

E-mail: info@usgme.com / marketing@usgme.com

Website: <https://www.usgme.com>

2. HAZARD(S) IDENTIFICATION

Physical hazards

Not classified.

Health hazards

Not classified.

OSHA defined hazards

Not classified.

Label elements

Hazard symbol

None.

Signal word

None

Hazard statement

None.

Precautionary statement

Prevention

Observe good industrial hygiene practices.

Response

Get medical attention/advice if you feel unwell.

Storage

Store as indicated in Section 7.

Disposal

Dispose of in accordance with local, state, and federal regulations.

Hazard(s) not otherwise classified (HNOC)

Not classified.

3. COMPOSITION/ INFORMATION ON INGREDIENTS

Mixtures

Chemical name	CAS number	%
Limestone	1317-65-3	< 35
Expanded Perlite	93763-70-3	< 10
Attapulgite	12174-11-7	< 5
Vinyl Acetate Ethylene Copolymer	24937-78-8	< 5
Water	7732-18-5	< 40

All concentrations are in percent by weight unless ingredient is a gas. Raw materials in this product contain respirable crystalline silica as an impurity. The weight percent of respirable crystalline silica found in this product is < 0.7%. The OSHA PEL for respirable crystalline silica has been lowered to 0.05 mg/m³ effective June 23, 2016 with compliance dates of June 23, 2017 for construction and June 23, 2018 for general industry. Testing of this product and its constituents suggests that under normal conditions the expected use of this product will not result in exposure to respirable crystalline silica that exceeds the OSHA PEL. However, actual exposures to respirable crystalline silica on a given jobsite must be determined by workplace hygiene testing.

4. FIRST-AID MEASURES

Inhalation

Dust irritates the respiratory system, and may cause coughing and difficulties in breathing. Move injured person into fresh air and keep person calm under observation. Get medical attention if symptoms persist.

Skin contact

Contact with dust: Rinse area with plenty of water. Get medical attention if irritation develops or persists.

Eye contact

Dust in the eyes: Do not rub eyes. Flush thoroughly with water. If irritation occurs, get medical assistance.

Ingestion

Rinse mouth. Get medical attention if symptoms occur.

Most important symptoms/effects, acute and delayed

Under normal conditions of intended use, this material does not pose a risk to health. Dust may irritate throat and respiratory system and cause coughing.

Indication of immediate medical attention and special treatment needed

Provide general supportive measures and treat symptomatically.

General information

Ensure that medical personnel are aware of the material(s) involved.

5. FIRE-FIGHTING MEASURES

Suitable extinguishing media

Use fire-extinguishing media appropriate for surrounding materials.

Extinguishing media which must not be used for safety reasons

Not applicable.

Specific hazards arising from the substance or mixture

Not a fire hazard.

Special protective equipment and precautions for firefighters

Selection of respiratory protection for firefighting: follow the general fire precautions indicated in the workplace. Self-contained breathing apparatus and full protective clothing must be worn in case of fire.

Fire fighting equipment/instructions

Use standard firefighting procedures and consider the hazards of other involved materials.

Specific methods

Cool material exposed to heat with water spray and remove it if no risk is involved.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

See Section 8 of the SDS for Personal Protective Equipment.

Methods and materials for containment and cleaning up

Large Spills: Scoop spilled materials and recover as much of the product as possible for use. If spillage is unrecoverable dispose according to local, state, and federal regulations. Small Spills: Wipe up with absorbent material (e.g. cloth, fleece). Clean surface thoroughly to remove residual contamination.

Environmental precautions

Avoid discharge to drains, sewers, and other water systems.

7. HANDLING AND STORAGE

Precautions for safe handling

Avoid inhalation of dust and contact with skin and eyes. Minimize dust generation and accumulation. In case of insufficient ventilation, wear suitable respiratory equipment. Observe good industrial hygiene practices. Use proper lifting techniques.

Conditions for safe storage, including any incompatibilities

Store in a cool, dry, well-ventilated place. Store in a closed container away from incompatible materials.

Protect from moisture. Keep away from heat. Do not use if material has spoiled, i.e., there is a moldy appearance or an unpleasant odor. Keep containers closed when not in use.

Filled 4.5 gallon pails of joint compound may be stacked a maximum of 3 layers high on a standard 48 x 48 pallet (16 pails per layer, 3 layers high). Pallets may only be stacked a maximum of two high.

Filled cartons of joint compound may be stacked a maximum of 3 layers high on a standard 42 x 42 or 42 x 48 pallet (16 pails per layer, 3 layers high). Pallets may only be stacked a maximum of two high.

8. EXPOSURE
CONTROLS/
PERSONAL
PROTECTION

Occupational exposure limits US. OSHA Table Z-1 Limits for Air
Contaminants (29 CFR 1910.1000)

Components	Type	Value	Form
Limestone (CAS 1317-65-3)	PEL	5 mg/m ³	Respirable fraction.
		15 mg/m ³	Total dust.

US NIOSH Pocket Guide to Chemical Hazards:
Recommended exposure limit (REL)

Components	Type	Value	Form
Limestone (CAS 1317-65-3)	TWA	5 mg/m ³ 10 mg/m ³	Respirable. Total.
Perlite (CAS 93763-70-3)	TWA	5 mg/m ³ 10 mg/m ³	Respirable. Total.

Biological limit values

No biological exposure limits noted for the ingredient(s).

Appropriate engineering controls

Provide sufficient ventilation for operations causing dust formation. Observe occupational exposure limits and minimize the risk of exposure.

Individual protection measures, such as personal protective equipment

Eye/face protection

Wear approved safety goggles.

Skin protection

Hand protection

It is a good industrial hygiene practice to minimize skin contact. For prolonged or repeated skin contact use suitable protective gloves.

Other

Normal work clothing (long sleeved shirts and long pants) is recommended.

Respiratory protection

If engineering controls do not maintain airborne concentrations below recommended exposure limits (where applicable) or to an acceptable level (in countries where exposure limits have not been established), an approved respirator must be worn. Use a NIOSH/MSHA approved air purifying respirator as needed to control exposure. Consult with respirator manufacturer to determine respirator selection, use, and limitations. Use positive pressure, air-supplied respirator for uncontrolled releases or when air purifying respirator limitations may be exceeded. Follow respirator protection program requirements (OSHA 1910.134 and ANSI Z88.2) for all respirator use.

Thermal hazards

None.

General hygiene considerations

Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment separately from regular wash. Observe any medical surveillance requirements.

9. PHYSICAL AND
CHEMICAL PROPERTIES

Appearance

Physical state

Semi liquid.

Form

Paste.

Color

Off white.

Odor

Low to no odor.

Odor threshold

Not applicable.

pH

7.5 - 9.9

Melting point/freezing point

Not applicable.

Initial boiling point and boiling range

100 °C

Flash point

Not applicable.

Evaporation rate

Not applicable.

Flammability (solid, gas)

Not applicable.

Upper/lower flammability or explosive limits

Flammability limit - lower (%)

Not applicable.

Flammability limit - upper (%)

Not applicable.

Explosive limit - lower (%)

Not applicable.

Explosive limit - upper (%)

Not applicable.

VOC content

<50 g/L

Vapor pressure

Not applicable.

Vapor density

Not applicable.

Solubility(ies)**Solubility (water)**

Soluble in water.

Partition coefficient (n-octanol/water)

Not applicable.

Auto-ignition temperature

Not applicable.

Decomposition temperature

Not applicable.

Viscosity

Not applicable.

Other information**Bulk density**

975 - 1250 kg/m³

VOC (Weight %)

2 g/l (Calculated by EPA Method 24)

**10. STABILITY AND
REACTIVITY****Reactivity**

The product is stable and non reactive under normal conditions of use, storage and transport.

Chemical stability

Material is stable under normal conditions.

Possibility of hazardous reactions

Hazardous polymerization does not occur.

Conditions to avoid

None known.

Incompatible materials

None known.

Hazardous decomposition products

Above 800°C limestone (CaCO³) can decompose to lime (CaO) and release carbon dioxide (CO²).

**11. TOXICOLOGICAL
INFORMATION****Information on likely routes of exposure****Ingestion**

May cause discomfort if swallowed.

Inhalation

Airborne dust may irritate throat and upper respiratory system causing coughing.

Skin contact

May cause allergic skin reactions especially in individuals with pre-existing skin disease such as eczema. (See Section 16).

Eyes contact

Airborne dust may cause mechanical eye irritation.

Symptoms related to the physical, chemical and toxicological characteristics

Dust may irritate eyes and mucous membranes of the nose, throat and upper respiratory system causing sneezing and/or coughing.

Information on toxicological effects**Acute toxicity**

Not expected to be a hazard under normal conditions of intended use.

Skin corrosion/irritation

Prolonged or repeated skin contact may cause drying, cracking, or irritation.

Serious eye damage/eye irritation

Direct contact with eyes may cause temporary irritation.

Respiratory or skin sensitization**Respiratory sensitization**

Not a respiratory sensitizer.

Skin sensitization

The product contains a small amount of sensitizing substance which may provoke an allergic reaction among sensitive individuals after repeated contact. For detailed information, see section 16.

Germ cell mutagenicity

Data does not suggest that this product or any components present at greater than 0.1% are mutagenic or genotoxic.

Carcinogenicity

This product is not expected to increase the risk of cancer.

IARC Monographs. Overall Evaluation of Carcinogenicity

Attapulgite (CAS 12174-11-7)	2B Possibly carcinogenic to humans.
	3 Not classifiable as to carcinogenicity to humans.

Reproductive toxicity

Not expected to be a reproductive hazard.

Specific target organ toxicity-single exposure

No data available, but none expected.

Specific target organ toxicity -repeated exposure

Not classified.

Aspiration hazard

Not an aspiration hazard.

Chronic effects

Prolonged exposure may cause chronic effects. For detailed information, see section 16.

12. ECOLOGICAL INFORMATION

Ecotoxicity

The product is not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment.

Persistence and degradability

No data available.

Bioaccumulative potential

Bioaccumulation is not expected.

Mobility in soil

No data available.

Other adverse effects

None expected.

13. DISPOSAL CONSIDERATIONS

Disposal instructions

Dispose in accordance with applicable federal, state, and local regulations. Recycle responsibly.

Local disposal regulations

Dispose of in accordance with local regulations.

Hazardous waste code

Not regulated.

Waste from residues / unused products

Dispose of in accordance with local regulations.

Contaminated packaging

Dispose of in accordance with local regulations.

14. TRANSPORT INFORMATION

DOT

Not regulated as a hazardous material

IATA

Not regulated as a dangerous good.

IMDG

Not regulated as dangerous goods.

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not applicable.

15. REGULATORY INFORMATION

Saudi Arabian Inventory of Chemical Substance:

CAS #	1317-65-3	Limestone
CAS #	93763-70-3	Expanded Perlite
CAS #	12174-11-7	Attapulgite
CAS #	24937-78-8	Vinyl Acetate Ethylene Copolymer
CAS #	7732-18-5	Water

16. OTHER INFORMATION,
INCLUDING DATE OF
PREPARATION OR
LAST REVISION

Issue date
6-February-2024
Revision date
-

Version #
01

Further information

Attapulgit: Carcinogenic to experimental animals via a route of exposure not relevant to human exposure per ACGIH.

Skin Sensitization Potential: This product contains an amount of Triazinetriethanol (THT) (CAS No. 4719-04-4) that is within the approved EPA regulated limits. THT can act as a sensitizer. Numerous human studies with concentrations up to 1% yielded negative (no sensitization) results. However, some results showed positive reactions in concentrations <0.5% mostly in persons with eczema.

Crystalline silica: Raw materials in this product may contain respirable crystalline silica as an impurity. Exposures to respirable crystalline silica are not expected during the normal use of this product. However, actual levels must be determined by workplace hygiene testing. Prolonged and repeated exposure to airborne free respirable crystalline silica can result in lung disease (i.e., silicosis) and/or lung cancer.

Bucket NFPA Classification:
Health: 0
Flammability: 1
Physical hazard: 0

NFPA Ratings:
Health: 1
Flammability: 0
Physical hazard: 0
Hazard Scale: 0 = Minimal 1 = Slight 2 = Moderate 3 = Serious 4 = Severe



List of abbreviations References

NFPA: National Fire Protection Association.
Registry of Toxic Effects of Chemical Substances (RTECS)
HSDB® - Hazardous Substances Data Bank
Torben et al. (2001). Environmental and Health Assessment of Substances in Household Detergents and Cosmetic Products.

Disclaimer

This information is provided without warranty. The information is believed to be correct.
This information should be used to make an independent determination of the methods to safeguard workers and the environment.