SHEETROCK® BRAND TUFF-HIDE™ PRIMER-SURFACER

1. IDENTIFICATION

Product identifier
SHEETROCK® Brand TUFF-HIDE™ Primer-Surfacer.
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	%
Limestone	1317-65-3	< 40
Kaolin	1332-58-7	< 5
Calcium Carbonate	471-34-1	< 5
Mica	12001-26-2	< 5
Titanium Dioxide	13463-67-7	< 10
Vinyl Acetate Monomer	108-05-4	< 8
Water	7732-18-5	< 40

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All concentrations are in percent by weight unless ingredient is a gas. Raw materials in this product contain respirable crystalline silica as a naturally occurring impurity. Since this product is a liquid slurry, the risk of inhaling particles will not occur during the recommended use of this product.

4. FIRST-AID MEASURES

Inhalation
Exposure to mists may cause temporary irritation to eyes, skin, nose, throat, and upper respiratory tract. Move injured person into fresh air and keep person calm under observation. Get medical attention if symptoms persist.
Skin contact
Rinse area with plenty of water. Get medical attention if irritation develops or persists.
Causes skin irritation, redness and rash.
Eye contact
Do not rub eyes. Flush thoroughly with water. If burning, redness, itching, pain, or other symptoms develop or persist get medical attention.
Causes serious eye irritation, lacrimation, pain and redness.
Ingestion
Rinse mouth. Get medical attention if symptoms occur.
May cause mild gastrointestinal effect.
Most important symptoms/effects, acute and delayed
May cause respiratory irritation and coughing. Prolonged and repeated exposure to airborne free respirable crystalline silica can result in lung disease (i.e., silicosis) and/ or lung cancer. The development of silicosis may increase the risks of additional health effects. The risk of developing silicosis is dependent upon the exposure intensity and duration.
Indication of immediate medical attention and special treatment needed
Treat symptomatically
Ensure that medical personnel are aware of the material(s) involved.

5. FIRE-FIGHTING MEASURES

Suitable extinguishing media
In case of fire, use extinguishing media suitable for surrounding fire. Water, foam, dry chemical or carbon dioxide extinguishers can be used.
Extinguishing media which must not be used for safety reasons
Not known.
Specific hazards arising from the substance or mixture
Not combustible.
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. Use standard firefighting procedures and consider the hazards of other involved materials.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures
For personal protection equipment, Refer Section 8. Keep unnecessary and unprotected personnel from entering area. Put on appropriate personal protective equipment.
Methods and materials for containment and cleaning up
Spills: Scoop up. Flush area with water before material dries. Finish cleaning by spreading water on the contaminated surface and dispose of according to local and regional authority requirements.
Environmental precautions
Avoid discharge to drains, sewers, and other water systems.

7. HANDLING AND STORAGE

Precautions for safe handling
Minimize dust generation when mixing or sanding. Wash hands after handling.
Observe good industrial hygiene practices.
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 moldy appearance or an unpleasant odor. Keep containers closed when not in use.

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
Calcium carbonate (CAS 471-34-1)	PEL	5 mg/m³ 15 mg/m³	Respirable fraction. Total dust.
Limestone (CAS 1317-65-3)	PEL	5 mg/m³ 15 mg/m³	Respirable fraction. Total dust.
Titanium dioxide (CAS 13463-67-7)	PEL	15 mg/m³	Total dust.

US. OSHA Table Z-3 (29 CFR 1910.1000)

Components	Type	Value	Form
Talc (CAS 14807-96-6)	TWA	0.3 mg/m³ 0.1 mg/m³	Total dust. Respirable.

US. ACGIH Threshold Limit Values Components

Components	Type	Value	Form
Talc (CAS 14807-96-6) Titanium dioxide (CAS 13463-67-7)	TWA TWA	2 mg/m³ 10 mg/m³	Respirable fraction.

US. NIOSH: Pocket Guide to Chemical Hazards

Components	Type	Value	Form
Calcium carbonate (CAS 471-34-1)	TWA	5 mg/m³ 10 mg/m³	Respirable. Total.
Limestone (CAS 1317-65-3)	TWA	5 mg/m³ 10 mg/m³	Respirable. Total.
Talc (CAS 14807-96-6)	TWA	2 mg/m³	Respirable.

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

Liquid

Form

Slurry

Color

White.

Odor

Slight acrylic.

Odor threshold

Not applicable.

pH

7.5 - 9.9

Melting point/freezing point

Not applicable. / 0 °C

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.

Vapor pressure

Not applicable.

Vapor density

Not applicable.

Relative density

1.4 - 1.7 (H^2O=1)

Solubility(ies)

Solubility (water)

Soluble in water.

Partition coefficient (n-octanol/water)

Not applicable.

Auto-ignition temperature

Not applicable.

Decomposition temperature

Not applicable.

Viscosity

90 - 130 KU (Krebs Units) (20 °C)

Other information

Bulk density

1200-1300 kg/m^3

VOC (Weight %)

>50 g/l

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

Inhalation of mist may cause irritation to throat and or nasal passages.

Skin contact

The product contains a small amount of sensitizing substance which may provoke an allergic reaction among sensitive individuals in contact with skin.

Eyes contact

May cause eye irritation.

Symptoms related to the physical, chemical and toxicological characteristics

Irritation of eyes and mucous membranes. Skin irritation.

Information on toxicological effects

Acute toxicity

Neither inhalation nor skin contact contribute to acute toxicity of the substance or mixture. However, may cause discomfort if swallowed.

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 classified.

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

Titanium Dioxide is listed by IARC as possibly carcinogenic to humans (Group 2B). This listing is based on inadequate evidence of carcinogenicity in humans and sufficient evidence in experimental animals.

IARC Monographs. Overall Evaluation of Carcinogenicity

Attapulgite (CAS 12174-11-7)	2B Possibly carcinogenic to humans. 3 Not classifiable as to carcinogenicity to humans.
Titanium dioxide (CAS 13463-67-7)	2B Possibly carcinogenic 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

No data available, but none expected.

Aspiration hazard

Not an aspiration hazard.

Chronic effects

See section 16.

12. ECOLOGICAL INFORMATION

Ecotoxicity

The product contains a substance which is very toxic to aquatic organisms.

Persistence and degradability

Not applicable.

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 #	1332-58-7	Kaolin
CAS #	471-34-1	Calcium Carbonate
CAS #	12001-26-2	Mica
CAS #	13463-67-7	Titanium dioxide
CAS #	108-05-4	Vinyl Acetate Monomer
CAS #	7732-18-5	Water

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

Issue date
1-July-2018
Revision date
1-December-2022
Version #
02
Further information
Crystalline silica: Since this product is a liquid slurry, the risk of inhaling particles will not occur during the recommended use of this product. However, this product contains crystalline silica. Prolonged and repeated exposures to airborne free respirable crystalline silica can result in lung silicosis and/or lung cancer.
Vinyl acetic monomer, formaldehyde and acetaldehyde: Trace amounts of vinyl acetate monomer and formaldehyde may be found in this product.
Attapulgite: Carcinogenic to experimental animals via a route of exposure not relevant to human exposure. However, because this product is a liquid slurry, the risk of inhaling particles will not occur during the recommended use of this product.
Skin Sensitization Potential: This product contains an amount of Triazinetriethanol (THT) (CAS No. 4719-04-4) that is below 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.
Ethylene glycol is added to this product in trace amounts to prevent freezing in transit.

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.

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