

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

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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/m ³ 15 mg/m ³	Respirable fraction. Total dust.
Titanium dioxide (CAS 13463-67-7)	PEL	15 mg/m ³ 15 mg/m ³	Total dust.

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

Components	CAS number	Value	Form
Titanium dioxide (CAS 13463-67-7)	TWA	5 mg/m ³ 15 mg/m ³	Respirable fraction. Total dust.
Titanium dioxide (CAS 13463-67-7) (CAS 14808-60-7)	PEL	50 mppcf 15 mg/m ³	Total dust. 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.

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

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

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 productsAbove 800°C limestone (CaCO₃) can decompose to lime (CaO) and release carbon dioxide (CO₂).**11. TOXICOLOGICAL INFORMATION****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	TiO ₂
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,
INCLUDING DATE OF
PREPARATION OR
LAST REVISION**

Issue date

20-August-2019

Revision date

1-December-2022

Version #

02

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.

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