1. Identification

Product identifier: USG Levelrock® Brand SAM-N40™ Ultra Sound Attenuation Mat

Other means of identification:
- SDS number: 57000010023
- Synonyms: Mat

Recommended use: Flooring.

Recommended restrictions: Use in accordance with manufacturer’s recommendations.

Manufacturer/Importer/Supplier/Distributor information:
- Company name: United States Gypsum Company
- Address: 550 West Adams Street, Chicago, Illinois 60661-3637
- Telephone: 1-800-874-4968
- Website: www.usg.com
- Emergency phone number: 1-800-507-8899

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.

Supplemental information: None.

3. Composition/information on ingredients

Mixtures

<table>
<thead>
<tr>
<th>Chemical name</th>
<th>CAS number</th>
<th>%</th>
</tr>
</thead>
<tbody>
<tr>
<td>Carbon black</td>
<td>1333-86-4</td>
<td>&lt; 2</td>
</tr>
<tr>
<td>Titanium dioxide</td>
<td>13463-67-7</td>
<td>&lt; 0.1</td>
</tr>
</tbody>
</table>

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.

General fire hazards

No unusual fire or explosion hazards noted.

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.

Conditions for safe storage, including any incompatibilities

Store away from incompatible materials.

8. Exposure controls/personal protection

Occupational exposure limits

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

<table>
<thead>
<tr>
<th>Components</th>
<th>Type</th>
<th>Value</th>
<th>Form</th>
</tr>
</thead>
<tbody>
<tr>
<td>Carbon black (CAS 1333-86-4)</td>
<td>PEL</td>
<td>3.5 mg/m³</td>
<td></td>
</tr>
<tr>
<td>Titanium dioxide (CAS 13463-67-7)</td>
<td>PEL</td>
<td>15 mg/m³</td>
<td>Total dust.</td>
</tr>
</tbody>
</table>

US. ACGIH Threshold Limit Values

<table>
<thead>
<tr>
<th>Components</th>
<th>Type</th>
<th>Value</th>
<th>Form</th>
</tr>
</thead>
<tbody>
<tr>
<td>Carbon black (CAS 1333-86-4)</td>
<td>TWA</td>
<td>3.5 mg/m³</td>
<td>Inhalable fraction.</td>
</tr>
<tr>
<td>Titanium dioxide (CAS 13463-67-7)</td>
<td>TWA</td>
<td>10 mg/m³</td>
<td></td>
</tr>
</tbody>
</table>

US. NIOSH: Pocket Guide to Chemical Hazards

<table>
<thead>
<tr>
<th>Components</th>
<th>Type</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Carbon black (CAS 1333-86-4)</td>
<td>TWA</td>
<td>3.5 mg/m³</td>
</tr>
</tbody>
</table>

Biological limit values

No biological exposure limits noted for the ingredient(s).
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.
- **Skin protection**
  - **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**: Solid.
- **Form**: Mat.
- **Color**: Gray/white.

**Odor**: Low to no odor.

**Odor threshold**: Not applicable.

**pH**: Not applicable.

**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 - lower (%) temperature**: Not applicable.
- **Flammability limit - upper (%)**: Not applicable.
- **Flammability limit - upper (%) temperature**: Not applicable.
- **Explosive limit - lower (%)**: Not applicable.
- **Explosive limit - lower (%) temperature**: Not applicable.
- **Explosive limit - upper (%)**: Not applicable.
- **Explosive limit - upper (%) temperature**: Not applicable.

**Vapor pressure**: Not applicable.

**Vapor density**: Not applicable.

**Relative density**: 1.1 - 1.5
Solubility(ies)

- Solubility (water) Non-Soluble.
- Partition coefficient (n-octanol/water) Not applicable.
- Auto-ignition temperature Not applicable.
- Decomposition temperature Not applicable.
- Viscosity Not applicable.
- Viscosity temperature Not applicable.

Other information
- Explosive limit Not applicable.
- VOC (Weight %) 0 g/l

10. Stability and reactivity

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 At temperatures above 350°C/662°F, heavy fuming, carbon dioxide and carbon monoxide will occur. May contain ketones, aldehydes, hydrocarbons and volatile acids.

11. Toxicological information

Information on likely routes of exposure

- Inhalation Airborne dust may irritate throat and upper respiratory system causing coughing.
- Skin contact Under normal conditions of intended use, this product does not pose a skin hazard.
- Eye 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 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.

<table>
<thead>
<tr>
<th>Components</th>
<th>Species</th>
<th>Test Results</th>
</tr>
</thead>
<tbody>
<tr>
<td>Carbon black (CAS 1333-86-4)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Acute</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Dermal</td>
<td></td>
<td></td>
</tr>
<tr>
<td>LD50</td>
<td>Rabbit</td>
<td>&gt; 3000 mg/kg</td>
</tr>
<tr>
<td>Oral</td>
<td></td>
<td></td>
</tr>
<tr>
<td>LD50</td>
<td>Rat</td>
<td>&gt; 8000 mg/kg</td>
</tr>
<tr>
<td>Titanium dioxide (CAS 13463-67-7)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Acute</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Inhalation</td>
<td></td>
<td></td>
</tr>
<tr>
<td>LC50</td>
<td>Rat</td>
<td>3.43 mg/l, 4 Hours</td>
</tr>
<tr>
<td>Oral</td>
<td></td>
<td></td>
</tr>
<tr>
<td>LD50</td>
<td>Rat</td>
<td>&gt; 5000 mg/kg</td>
</tr>
</tbody>
</table>

Skin corrosion/irritation Not a skin irritant.

Serious eye damage/eye irritation Direct contact with eyes may cause temporary irritation.

Respiratory or skin sensitization

- Respiratory sensitization No data available, but none expected.
- Skin sensitization This product is not expected to cause skin sensitization.
- Germ cell mutagenicity No data available, but none expected.
Carcinogenicity

Not classified. This product contains small amounts of encapsulated carbon black and titanium dioxide. See Section 16 for further information.

IARC Monographs. Overall Evaluation of Carcinogenicity

<table>
<thead>
<tr>
<th>Substance</th>
<th>Classification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Carbon black (CAS 1333-86-4)</td>
<td>2B Possibly carcinogenic to humans.</td>
</tr>
<tr>
<td>Titanium dioxide (CAS 13463-67-7)</td>
<td>2B Possibly carcinogenic to humans.</td>
</tr>
</tbody>
</table>

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

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

Chronic effects

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.

<table>
<thead>
<tr>
<th>Components</th>
<th>Species</th>
<th>Test Results</th>
</tr>
</thead>
<tbody>
<tr>
<td>Carbon black (CAS 1333-86-4)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Aquatic</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Acute Fish</td>
<td>LC50</td>
<td>Leuciscus idus</td>
</tr>
<tr>
<td></td>
<td></td>
<td>&gt;= 1000 mg/l, 96 Hours</td>
</tr>
<tr>
<td>Titanium dioxide (CAS 13463-67-7)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Aquatic</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Acute Crustacea</td>
<td>EC50</td>
<td>Daphnia magna</td>
</tr>
<tr>
<td></td>
<td></td>
<td>&gt; 100 mg/l, 48 Hours</td>
</tr>
<tr>
<td>Acute Fish</td>
<td>LL50</td>
<td>Oryzias latipes</td>
</tr>
<tr>
<td></td>
<td></td>
<td>&gt; 100 mg/l, 96 Hours</td>
</tr>
</tbody>
</table>

Persistence and degradability

No data is available on the degradability of this product.

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 dangerous goods.

IATA

Not regulated as dangerous goods.

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

US federal regulations

This product is not known to be a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200.

All components of this product are in compliance with the listing Requirements of the U.S. Toxic Substances Control Act (TSCA) Chemical Substance Inventory.

- **TSCA Section 12(b) Export Notification (40 CFR 707, Subpt. D)**
  - Not regulated.

  - Not regulated.

- **CERCLA Hazardous Substance List (40 CFR 302.4)**
  - Not listed.

Superfund Amendments and Reauthorization Act of 1986 (SARA)

- **Hazard categories**
  - Immediate Hazard - No
  - Delayed Hazard - No
  - Fire Hazard - No
  - Pressure Hazard - No
  - Reactivity Hazard - No

- **SARA 302 Extremely hazardous substance**
  - Not listed.

- **SARA 311/312 Hazardous chemical**
  - No

- **SARA 313 (TRI reporting)**
  - Not regulated.

Other federal regulations

- **Clean Air Act (CAA) Section 112 Hazardous Air Pollutants (HAPs) List**
  - Not regulated.

- **Clean Air Act (CAA) Section 112(r) Accidental Release Prevention (40 CFR 68.130)**
  - Not regulated.

- **Safe Drinking Water Act (SDWA)**
  - Not regulated.

US state regulations

- **US. Massachusetts RTK - Substance List**
  - Carbon black (CAS 1333-86-4)
  - Titanium dioxide (CAS 13463-67-7)

- **US. New Jersey Worker and Community Right-to-Know Act**
  - Carbon black (CAS 1333-86-4)
  - Titanium dioxide (CAS 13463-67-7)

- **US. Pennsylvania Worker and Community Right-to-Know Law**
  - Carbon black (CAS 1333-86-4)
  - Titanium dioxide (CAS 13463-67-7)

- **US. Rhode Island RTK**
  - Not regulated.

- **US. California Proposition 65**
  - WARNING: This product contains a chemical known to the State of California to cause cancer.

  - **US - California Proposition 65 - Carcinogens & Reproductive Toxicity (CRT): Listed substance**
    - Carbon black (CAS 1333-86-4)
    - Titanium dioxide (CAS 13463-67-7)

16. Other information, including date of preparation or last revision

- **Issue date**
  - 01-June-2016

- **Revision date**
  - -

- **Version #**
  - 01
Further information

Carbon black: This product may contain small amounts of carbon black. The International Agency for Research on Cancer (IARC) has determined that carbon black is possibly carcinogenic to humans (Group 2B) based on inadequate evidence in humans and sufficient evidence in experimental animals. However, exposure to carbon black does not occur during the use of products in which carbon black is bound to other materials, such as rubber, printing ink or paint (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.

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: 1
Physical hazard: 0

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

References


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.