# USG

# SAFETY DATA SHEET

#### 1. Identification

Product identifier USG™ Drywall Suspension System

Other means of identification

**SDS number** 42000054001

Synonyms Ceiling Panel Grid, Drywall Grid

Recommended use Interior use.

**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)

Not classified.

# **Supplemental information**

Steel products as sold do not present an inhalation, ingestion, or skin hazard. However, individual customer processes, (such as welding, sawing, brazing, grinding, abrasive blasting, and machining) may result in the formation of fumes, dust (combustible or otherwise), and/or particulate that may present a variety of health hazards. Molten steel is also hazardous.

## 3. Composition/information on ingredients

## **Substances**

Chemical name	Common name and synonyms	CAS number	%
Steel		65997-19-5	100

## **Composition comments**

This product is composed of hot-dipped galvanized steel. The following list identifies those elements which may exist in steel or which may comprise compounds present in steel or alloy steels. Aluminum, beryllium, boron, calcium, carbon, cerium, chromium, cobalt, copper, hafnium, iron, lanthanum, lead, magnesium, manganese, molybdenum, nickel, niobium, nitrogen, oxygen, phosphorus, selenium, silicon, sulfur, tantalum, tin, titanium, tungsten, vanadium, yttrium, zinc, zirconium.

## 4. First-aid measures

**Inhalation** Due to the physical nature of this product, inhalation is unlikely. There are no known health effects

due to inhalation.

**Skin contact** Edges and notches (where present) may be sharp and can cut skin. Cuts or abrasions should be

treated promptly with thorough cleansing of the affected area. Seek medical attention for severe

cuts or abrasions.

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Eye contact Sharp edges and notches (where present) may cause cuts and irritation. If eye is cut or otherwise

damaged, seek medical attention.

Ingestion Due to the physical nature of this product, ingestion is unlikely. There are no known health effects

due to ingestion.

Most important

symptoms/effects, acute and

delayed

Under normal conditions of intended use, this material does not pose a risk to health.

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

Unsuitable extinguishing

media

Use fire-extinguishing media appropriate for surrounding materials.

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

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

**Environmental precautions** 

None

7. Handling and storage

Precautions for safe handling

Edges and notches (where present) may be sharp and can cut skin. Unload from package with

caution and handle carefully. Observe good industrial hygiene practices.

Conditions for safe storage, including any incompatibilities Falling pieces can pose an injury hazard. Do not store open boxes or individual pieces above

chest level. Store away from incompatible materials.

8. Exposure controls/personal protection

Occupational exposure limits

No exposure limits noted for ingredient(s).

**Biological limit values** 

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

Appropriate engineering

controls

Ventilation is not normally required.

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.

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

Respiratory protection Not necessary under normal conditions.

Thermal hazards None

General hygiene considerations

Handle in accordance with good industrial hygiene and safety practices.

9. Physical and chemical properties

**Appearance** 

Physical state Solid **Form** Metal tees. Color Silver.

Odor Low to no odor.

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Odor threshold Not applicable.
pH Not applicable.

Melting point/freezing point 2400 - 2800 °F (1315.56 - 1537.78 °C) (base metal)

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 pressureNot applicable.Vapor densityNot applicable.Relative density7 - 8 (H2O = 1)

Solubility(ies) Not soluble in water.

Partition coefficient (n-octanol/water)

Not applicable.

Auto-ignition temperatureNot applicable.Decomposition temperatureNot applicable.ViscosityNot applicable.

Other information

Bulk density 480 - 500 lb/ft<sup>3</sup>

VOC (Weight %) 0 %

## 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 Hazardous polymerization does not occur.

reactions

**Conditions to avoid**Contact with incompatible materials.

Incompatible materials Strong oxidizing agents.

**Hazardous decomposition** 

products

No hazardous decomposition products are known.

## 11. Toxicological information

Information on likely routes of exposure

IngestionNot likely, due to the form of the product.InhalationNot likely, due to the form of the product.

**Skin contact** Edges and notches (where present) may be sharp and can cut skin.

**Eye contact** Contact with sharp edges and notches (where present) may cut the eye and cause eye damage.

Symptoms related to the physical, chemical and toxicological characteristics

Sharp edges and notches (where present) may cause cuts and irritation.

## Information on toxicological effects

Acute toxicity None

Skin corrosion/irritation Edges and notches (where present) may be sharp and can cut skin.

Serious eye damage/eye

Contact with sharp edges and notches (where present) may cut the eye and cause eye damage.

irritation

Respiratory sensitization No data available.

**Skin sensitization** This product is not expected to cause skin sensitization.

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Germ cell mutagenicity Not expected to be mutagenic.

Not expected. Carcinogenicity

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.

**Further information** No other specific acute or chronic health impact noted.

## 12. Ecological information

**Ecotoxicity** Not expected to be harmful to aquatic organisms.

Persistence and degradability No data is available on the degradability of this product.

Bioaccumulative potential No data available for this product.

Mobility in soil Not available.

Other adverse effects No other adverse environmental effects (e.g. ozone depletion, photochemical ozone creation

potential, endocrine disruption, global warming potential) are expected from this component.

## 13. Disposal considerations

**Disposal instructions** The metals contained in this product are recyclable. Dispose in accordance with applicable

federal, state, and local regulations.

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 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

Not applicable.

the IBC Code

## 15. Regulatory information

**US federal regulations** This product is not hazardous according to OSHA 29CFR 1910.1200.

TSCA Section 12(b) Export Notification (40 CFR 707, Subpt. D)

Not regulated.

US. OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050)

Not listed.

**CERCLA Hazardous Substance List (40 CFR 302.4)** 

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

No

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.

Food and Drug Not regulated.

Administration (FDA)

#### **US state regulations**

#### **US. Massachusetts RTK - Substance List**

Not regulated.

#### US. New Jersey Worker and Community Right-to-Know Act

Not regulated.

#### US. Pennsylvania RTK - Hazardous Substances

Not regulated.

## **US. Rhode Island RTK**

Not regulated.

#### **US.** California Proposition 65

## US - California Proposition 65 - Carcinogens & Reproductive Toxicity (CRT): Listed substance

Not listed.

## **International Inventories**

Country(s) or region Inventory name On inventory (yes/no)\*

United States & Puerto Rico Toxic Substances Control Act (TSCA) Inventory

\*A "Yes" indicates this product complies with the inventory requirements administered by the governing country(s).

A "No" indicates that one or more components of the product are not listed or exempt from listing on the inventory administered by the governing country(s).

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

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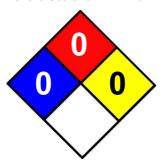
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Further information NFPA Ratings:

Health: 0 Flammability: 0 Physical hazard: 0

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

## **NFPA Ratings**



**List of abbreviations** NFPA: National Fire Protection Association.

**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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