

# USG MIDDLE EAST DRYWALL/STEEL FRAMED SYSTEMS

## 1. IDENTIFICATION

### Product identifier

USG Middle East Drywall/Steel Framed Systems

### Additional Products

Regular Wall Track, Deep Flange Wall Track, Curved Wall Track, Inclined Flange Wall Track, Regular and Deep Flange Wall Stud, Perimeter Angle, Primary Channel, Furring Channel, Deflection Fire Track, Deflection Clip, J Trims, Corner Beads, W Shape Shadow line Angle, Z Shape Shadow line Stoppage Angle, Z Furring Channel, Wall Bracing Flat Strip, Single Lip Resilient Channel, Wire Connection Clip, Threaded Rod Hanger, Rod Hangers & Adjustable Butterfly Clip, Wafer Head Screw and Drywall Screw.

### Synonym(s)

Drywall Steel Frame System

### Recommended use

Interior use.

### Recommended restrictions

Use in accordance with manufacturer's recommendations.

### Manufacturer / Importer / Supplier / Distributor information/Company name

USG Middle East Ltd

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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)

Not classified.

### 3. COMPOSITION/ INFORMATION ON INGREDIENTS

#### Mixtures

Chemical name	CAS number	%
Zinc	7440-66-6	1-20%
Aluminium	7429-90-5	1-10%
Iron	7439-89-6	Balance

#### Composition comments

Low carbon steel strip with hot dipped zinc or zinc/aluminium coating with painted and/or laminated polymer finish. 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

#### 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

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

#### 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

### Exposure Standards

No exposure standard has been established for the product as supplied.

During welding or cutting operations the following Worksafe Exposure Standards should be applied;

Zinc oxide fume - 5 mg/m<sup>3</sup> TWA

Iron oxide fume - 5 mg/m<sup>3</sup> TWA as Fe

Other Exposure Standards may apply during welding or cutting operations, but are determined by the type of welding or cutting process (ARC, MIG, TIG, gas or plasma) and the electrode(s) used. Each individual operation must be separately assessed for hazards by an experienced Occupational Hygienist.

### 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.

##### 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

C profile, U profile, L profile, Z profile, Omega profile, Strip profile

#### Color

Various.

#### Odor

Low to no odor.

#### Odor threshold

Not applicable.

#### pH

Not applicable.

#### Melting point/freezing point

1315.56 - 1537.78 °C (base metal (steel))

#### Specific Gravity

7.86

#### Initial boiling point and boiling range

Not applicable.

#### Flash point

Not applicable.

#### Evaporation rate

Not applicable.

#### Flammability (solid, gas)

Not applicable.

#### Solubility(ies)

Not soluble in water.

### 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

7 - 8 (H<sub>2</sub>O = 1)

#### Partition coefficient (n-octanol/water)

Not applicable.

#### Auto-ignition temperature

Not applicable.

#### Decomposition temperature

Not applicable.

#### Viscosity

Not applicable.

#### Other information

##### Bulk density

7688.8 - 8009.2 kg/m<sup>3</sup>

##### VOC (Weight %)

0 %

## 10. STABILITY AND REACTIVITY

### Reactivity

The product is stable & non reactive under normal conditions of use, storage & 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

No hazardous decomposition products are known.

## 11. TOXICOLOGICAL INFORMATION

### Information on likely routes of exposure

#### Ingestion

Not likely, due to the form of the product.

#### Inhalation

Not likely, due to the form of the product.

#### Skin contact

Edges and notches (where present) may be sharp and can cut skin. Under normal conditions of intended use, this product does not pose a skin hazard.

#### Eyes 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 irritation

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

#### Respiratory or skin sensitization

##### Respiratory sensitization

No data available.

##### Skin sensitization

This product is not expected to cause skin sensitization.

#### Germ cell mutagenicity

Not expected to be mutagenic.

#### Carcinogenicity

Not expected.

#### 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**

Bioaccumulation is not expected.

**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 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 #	7440-66-6	Zinc
CAS #	7429-90-5	Aluminium
CAS #	7439-89-6	Iron

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

**Issue date**

1-July-2018

**Revision date**

08-March-2021

**Version #**

02

**Further information**

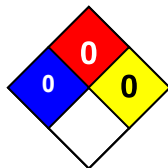
NFPA Ratings:

Health: 0

Flammability: 0

Physical hazard: 0

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



**List of abbreviations Disclaimer**

NFPA: National Fire Protection Association.

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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