

Material Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

page 1 of 8

OWA safety data sheet

Date of issue: 04.12.2019

Replace version from

Version: 2019.0

Printed 12.12.2019

Trade name:

OWAconstruct®
OWAconsult® collection

SECTION 1: Identification

1.1. Product identifier

Trade and product names: OWAconstruct®
OWAconsult® collection

Metal suspensions systems and constructions products for OWAlifetime and OWAconsult collection.

OWAconstruct® suspension systems are construction products. They are not classified as a substance or preparation.

1.2. Other means of identification:

No additional information available

1.3. Recommended use of the chemical and restrictions on use

Suspensions systems and construction products for ceiling tiles

Restrictions on Use: None known

1.4. Details of the supplier of the safety data sheet

Manufacturer:

Odenwald Faserplattenwerk GmbH
Dr.-Freundt-Straße 3
D-63916 Amorbach

Telephone: +49-93 73 2010

Fax: +49-93 73 201130

<http://www.owa.de>

e-mail: info@owa.de

1.5. Emergency telephone number

Health and Technical Contacts:

Health Issues Information (9 am – 5 pm): +49-9373 201 245

Technical Product Information (8 am – 5 pm): +49-9373 201 554

SECTION 2: Hazard(s) identification

2.1. Classification of the substance or mixture

Classification in accordance with 29 CFR 1910.1200.
Not classified as hazardous

2.1. Label elements

Labelling in accordance with 29 CFR 1910.1200.

Symbol(s)

None

Signal Word

None

Material Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

page 2 of 8

OWA safety data sheet

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Hazard Statement(s)
None

2.3. Other hazards

No additional information available

2.4. Unknown acute toxicity (GHS US)

Not applicable

SECTION 3: Composition/information on ingredients

3.1. Substances

Not applicable

3.2. Mixtures

Suspension components, manufactured from galvanized strip steel, painted. Exposed surfaces are capped with pre-coated strip steel or aluminum. The paint consists of non-organic binders derived from epoxy resins, color pigments and small amounts of inorganic additives free from harmful substances.

Chemical characterization of capping material:

Ingredient Name	CAS#	Wt. %
Iron	7439-89-6	> 95
Aluminum	7429-90-5	< 2
Manganese	7439-96-5	< 1.7
Zinc	7440-66-6	< 1
Silicon	7440-21-3	< 0.6
Phosphorus	7723-14-0	< 0.1
Titan	7440-32-6	< 0.3

This product is an article without intended release. This means a manufactured item other than a fluid or particle, which is formed to a specific shape or design during manufacture; which has end use function(s) dependent in whole or in part upon its shape or design during end use; and which under normal conditions of use does not release more than very small quantities, e.g., minute or trace amounts of a hazardous chemical and does not pose a physical hazard or health risk to employees

This product is a manufactured article and therefore exempt from the requirements of Canada's WHMIS. All ingredients of this product are included in the U.S. Environmental Protection Agency's Toxic Substances Control Act Chemical Substance Inventory. All components of this product are included in the Canadian Domestic Substances List (DSL).

Material Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

page 3 of 8

OWA safety data sheet

Date of issue: 04.12.2019

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Trade name:

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OWA consult[®] collection

SECTION 4: First-aid measures

4.1. Description of first aid measures

Following eye contact:

It is unlikely that parts of the products will enter the eyes in the supplied state. If splinters enter the eye, seek medical contact immediately.

Following skin contact:

It is unlikely that the products will cause any skin irritation in the supplied state.

Following inhalation:

It is unlikely that the products can be inhaled in the supplied state. If exposed to zinc oxide fume, remove to fresh air.

Ingestion:

It is unlikely that the products can be swallowed in the supplied state.

4.2. Most important symptoms and effects, both acute and delayed

This product is not expected to produce any unusual hazards during normal use. Suspension grids are factory painted. The paint consists of non-organic binders derived from epoxy resins, color pigments and small amounts of inorganic additives free from harmful substances.

Inhalation:

Inhalation of dust can irritate the nose, throat, and upper respiratory tract.

4.3. Indication of any immediate medical attention and special treatment needed

None known.

SECTION 5: Fire-fighting measures

5.1. Suitable (and unsuitable) extinguishing media.

Suitable Extinguishing Media: Water or extinguishing media appropriate for surrounding fire.

Unsuitable Extinguishing Media: None known

5.2 Special hazards arising from the substance or mixture

General Fire Hazards: Not expected to burn.

Unusual Fire and Explosion Hazards: None

Hazardous Combusting Products: The packaging of the product is combustible and will emit carbon monoxide and other products of combustion.

5.3. Special protective equipment and precautions for fire-fighters

Special Fire Fighting Procedures: None use normal procedures.

Material Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

page 4 of 8

OWA safety data sheet

Date of issue: 04.12.2019

Replace version from

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SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Evacuation Procedures:
Not typically necessary.

Special Instructions:
None.

6.2. Methods and material for containment and cleaning up

Containment Procedures:
Acute effects as a result from accidental exposure to this product are not probable.

Clean-Up:
Use normal clean up procedures. Pick up large pieces. Wear appropriate protective equipment. Use gloves to avoid skin cutting damage.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Do not handle until all safety precautions have been read and understood. Wear appropriate gloves and eye protection to avoid damages as a result of splinters during cutting and processing (see Section 8).

General Rules:
- cleaning intervals will be dictated by the environmental usage / conditions.
- use mild, luke warm soapy water or window cleaner.
- do not use scouring powders or strong chemical detergents.

Fire prevention and explosion protection:
No special precautions necessary

7.2. Conditions for safe storage, including any incompatibilities

The products must always be stored in a way that ensures they are not exposed to moisture, dust or mechanical influences.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Aluminum (7429-90-5)
ACGIH: 1 mg/m³ TWA (respirable particulate matter)
NIOSH: 10 mg/m³ TWA (total dust); 5 mg/m³ TWA (respirable dust)
OSHA PEL: 15 mg/m³ TWA (total dust); 5 mg/m³ TWA (respirable dust)

Material Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

page 5 of 8

OWA safety data sheet

Date of issue: 04.12.2019

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Manganese (7439-96-5)

ACGIH: 0.1 mg/m³ TWA (inhalable particulate matter); 0.02 mg/m³ TWA (respirable particulate matter)

NIOSH: 1 mg/m³ TWA; 3 mg/m³ ST

OSHA PEL: 0.2 mg/m³ TWA

Silicon (7440-21-3)

NIOSH: 10 mg/m³ TWA (total dust); 5 mg/m³ TWA (respirable dust)

OSHA PEL: 15 mg/m³ TWA (total dust); 5 mg/m³ TWA (respirable dust)

Phosphorus (7723-14-0)

NIOSH: 0.1 mg/m³ TWA

OSHA PEL: 0.1 mg/m³ TWA

8.2. Appropriate engineering controls

No information available.

8.3. Individual protection measures, such as personal protective equipment

Eye/Face:

Wear eye protection (safety glasses or goggles) to avoid particulate irritation of the eye.

Skin:

Wear cut resistant gloves to avoid injuries through splinters and sharp edges.

Respiratory:

Not typically necessary under normal conditions of use.

General:

Selection of Personal Protective Equipment will depend on environmental working conditions and operations.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Appearance	Roll formed in various lengths
Odor:	Not applicable
Odor threshold:	No data available
pH:	Not applicable
Melting point/ Freezing point:	Not applicable
Initial boiling point and boiling range:	No data available
Flash point:	No data available
Evaporation rate:	Not Applicable
Flammability (solid, gas):	No data available
Upper/lower flammability or explosive limits:	No data available
Vapor pressure:	Not applicable
Vapor density:	Not Applicable
Relative density:	7,85 kg/m ³
Solubility(ies):	Not soluble in water
Partition coefficient: n-octanol/water:	Not applicable
Auto-ignition temperature:	No data available
Decomposition temperature:	No data available
Viscosity:	Not applicable

Material Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

page 6 of 8

OWA safety data sheet	
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SECTION 10: Stability and reactivity

10.1. Reactivity

In cases of correct storage and handling dangerous reactions are unknown

10.2. Chemical stability

No additional information available

10.3. Possibility of hazardous reactions

In the supplied form, the products do not pose a significant hazard.

10.4. Conditions to avoid

No exposure to moisture, dust or mechanical influence

10.5. Incompatible materials

None

10.6. Hazardous decomposition products

None

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Information on the likely routes of exposure

Unlikely, no additional information available.

Symptoms related to the physical, chemical and toxicological characteristics

Carcinogenic effects:

None

SECTION 12: Ecological information

12.1. Ecotoxicity

No additional information available

Ecotoxicity Values:

Not determined.

12.3. Bioaccumulative potential

No additional information available

12.4. Mobility in soil

No additional information available

12.5. Other adverse effects

The materials used for suspension grid are easy to identify and recycleable. They are not known to be hazardous to the environment.

Material Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

page 7 of 8

OWA safety data sheet

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OWA consult[®] collection

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Wastes are not hazardous as defined by the Resource Conservation and Recovery Act (RCRA; 40CFR 261). Dispose material in accordance with local regulations. Contact the local agency for specific rules.

Component Waste Numbers

The U.S. EPA has not published waste numbers for this product's components.

Disposal of Contaminated Packaging

Dispose of waste material according to Local, State, Federal, and Provincial Environmental Regulations.

SECTION 14: Transport information

US DOT Information:

In accordance with DOT
Not regulated for transport

TDG Information:

No Classification assigned.

Marine Pollutant:

No component(s) of this material is specifically listed in the IMDG Code as an identified marine pollutant.

SECTION 15: Regulatory information

15.1. U.S. Federal Regulations

None of this products components are listed under SARA Sections 302/304 (40 CFR 355 Appendix A), SARA Section 313 (40 CFR 372.65), CERCLA (40 CFR 302.4), TSCA 12(b), or require an OSHA process safety plan.

General Product Information

Classification: The product is not classified as hazardous und Chemicals Hazardous Information Packaging for Supply (CHIPS 2000)

15.2. International regulations

According to the EU-Construction Products Regulation EU 305/2011 and the EN 13964 the ceiling panels must be labelled with the CE-sign.

National Regulations:

Our products are exempted from the prohibition of bringing them into market according to Regulation 1272/2008/EC.

Classification of water hazardous:

By German regulation AwSV not hazardous for water (self-rating)

Material Safety Data Sheet

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page 8 of 8

OWA safety data sheet

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SECTION 16: Other information

Date of Preparation: 03/07/2019

Latest revision: -

Further Information:

The information in this data sheet was obtained from sources which we believe are reliable; however, the information is provided without any representation of warranty, expressed or implied, regarding the accuracy or correctness. The conditions or methods of handling, storage, use and disposal of the products are beyond our control and may be beyond our knowledge. For this and other reasons, we do not assume responsibility and expressly disclaim liability for loss, damage, or expense arising out of or in any way connected with the handling, storage, use or disposal of the products.

This data sheet is only valid if our products are used for the purpose for which they were manufactured.

Existing laws and regulations must be observed by the consignee at his own responsibility.

Information bureau:

**For special information about OWAacoustic® products please contact our service department OWAconsult®,
Phone +49/9373-201-222**