



Quality Management

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# Safety Data Sheet acc. to OSHA HCS

## 1 Identification

### Product identifier

Trade name: trowalplast media

2416

### Registration number:

This product is an article.

Articles are not subject to the REACH-regulation.

**Application of the substance/the preparation:** Chips/media for mass finishing.

### Details of the supplier of the safety data sheet

#### Manufacturer/Supplier:

Walther Trowal GmbH & Co. KG  
Rheinische Str. 35-37  
D-42781 Haan  
Germany

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#### Information department:

Walther Trowal GmbH & Co. KG  
Branch office  
Ken Raby

## 2 Hazard(s) identification

### Classification of the substance or mixture

The product is not classified according to the Globally Harmonized System (GHS).

### Label elements

GHS label elements void

Hazard pictograms void

Signal word void

Hazard statements void

### NFPA ratings (scale 0 - 4)



Health = 0

Fire = 1

Reactivity = 0

### HMIS ratings (scale 0 - 4)



Health = 0

Fire = 1

Reactivity = 0



Quality Management

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Voluntary participation in regular monitoring according to ISO 9001:2008

WAL THER  
TROWAL!

# Safety Data Sheet

## acc. to OSHA HCS

Page 2/7

Printing date 04/14/2016

Reviewed on 04/14/2016

Version 6

Trade name: trowalplast media

2416

### Other hazards

### Results of PBT and vPvB assessment

PBT: Not applicable.

vPvB: Not applicable.

## 3 Composition/information on ingredients

### Chemical characterization: Mixtures

**Description:** The product contains polyester-bound minerals.

**Dangerous components:** void

## 4 First-aid measures

### Description of first aid measures

**General information:** No special measures required.

**After inhalation:** not applicable

**After skin contact:** Generally the product does not irritate the skin.

**After eye contact:** not applicable

**After swallowing:** not applicable

### Information for doctor:

#### Most important symptoms and effects, both acute and delayed

No further relevant information available.

#### Indication of any immediate medical attention and special treatment needed

No further relevant information available.

## 5 Fire-fighting measures

### Extinguishing media

#### Suitable extinguishing agents:

CO<sub>2</sub>, extinguishing powder or water spray. Fight larger fires with water spray or alcohol resistant foam.

**For safety reasons unsuitable extinguishing agents:** not known

#### Special hazards arising from the substance or mixture

In case of fire, the following can be released:

Carbon monoxide (CO)

#### Advice for firefighters

**Protective equipment:** Wear self-contained respiratory protective device.

#### Additional information:

Dispose of fire debris and contaminated fire fighting water in accordance with official regulations.

## 6 Accidental release measures

**Personal precautions, protective equipment and emergency procedures** not required

**Environmental precautions:** No special measures required.

**Methods and material for containment and cleaning up:** Pick up mechanically.



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**WAL THER  
TROWAL!**

# Safety Data Sheet

## acc. to OSHA HCS

Page 3/7

Printing date 04/14/2016

Reviewed on 04/14/2016

Version 6

Trade name: trowalplast media

2416

### Reference to other sections

See Section 7 for information on safe handling.

See Section 8 for information on personal protection equipment.

See Section 13 for disposal information.

## 7 Handling and storage

### Handling

**Precautions for safe handling** No special precautions are necessary if used correctly.

**Information about protection against explosions and fires:** No special measures required.

### Conditions for safe storage, including any incompatibilities

#### Storage

**Requirements to be met by storerooms and receptacles:** No special requirements.

**Information about storage in one common storage facility:** not required

**Further information about storage conditions:** none

**Recommended storage temperature:** 5-35 °C

**Specific end use(s)** No further relevant information available.

## 8 Exposure controls/personal protection

**Additional information about design of technical systems:** No further data; see item 7.

### Control parameters

#### Components with limit values that require monitoring at the workplace:

The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.

**Additional information:** The lists that were valid during the creation were used as basis.

### Exposure controls

#### Personal protective equipment:

#### General protective and hygienic measures:

The usual precautionary measures for handling chemicals should be followed.

**Breathing equipment:** not required

**Protection of hands:** not required

**Eye protection:** not required

## 9 Physical and chemical properties

### Information on basic physical and chemical properties

#### General Information

#### Appearance:

<b>Form:</b>	Solid in various forms
<b>Color:</b>	According to product specification
<b>Odor:</b>	Characteristic



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WALTHER  
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# Safety Data Sheet

## acc. to OSHA HCS

Page 4/7

Printing date 04/14/2016

Reviewed on 04/14/2016

Version 6

Trade name: trowalplast media

2416

<b>Odor threshold:</b>	Not determined.
<b>pH-value:</b>	Not applicable.
<b>Change in condition</b>	
<b>Melting point/Melting range:</b>	undetermined
<b>Boiling point/Boiling range:</b>	undetermined
<b>Flash point:</b>	>100 °C (>212 °F)
<b>Flammability (solid, gaseous):</b>	Not determined.
<b>Ignition temperature:</b>	>200 °C
<b>Decomposition temperature:</b>	Not determined.
<b>Auto igniting:</b>	Product is not selfigniting.
<b>Danger of explosion:</b>	Product does not present an explosion hazard.
<b>Explosion limits:</b>	
<b>Lower:</b>	Not determined.
<b>Upper:</b>	Not determined.
<b>Vapor pressure:</b>	Not applicable.
<b>Density:</b>	not determined
<b>Relative density</b>	Not determined.
<b>Vapor density</b>	Not applicable.
<b>Evaporation rate</b>	Not applicable.
<b>Solubility in / Miscibility with</b>	
<b>Water:</b>	insoluble
<b>Partition coefficient (n-octanol/water):</b>	Not determined.
<b>Viscosity:</b>	
<b>Dynamic:</b>	Not applicable.
<b>Kinematic:</b>	Not applicable.
<b>Other information</b>	No further relevant information available.

## 10 Stability and reactivity

**Reactivity** No further relevant information available.

### Chemical stability

#### **Thermal decomposition / conditions to be avoided:**

No decomposition if used according to specifications.

**Possibility of hazardous reactions** No dangerous reactions known.

**Conditions to avoid** No further relevant information available.

**Incompatible materials:** No further relevant information available.

**Hazardous decomposition products:** No dangerous decomposition products known.



Quality Management

We are certified

Voluntary participation in regular monitoring according to ISO 9001:2008

WALTHER  
TROWAL!

# Safety Data Sheet

## acc. to OSHA HCS

Page 5/7

Printing date 04/14/2016

Reviewed on 04/14/2016

Version 6

Trade name: trowalplast media

2416

## 11 Toxicological information

### Information on toxicological effects

#### Acute toxicity

#### Primary irritant effect:

on the skin: no irritant effect

on the eye: no irritating effect

**Sensitization:** No sensitizing effects known.

#### Additional toxicological information:

The product is not subject to classification according to internally approved calculation methods for preparations.

When used and handled according to specifications, the product does not have any harmful effects according to our experience and the information provided to us.

#### Carcinogenic categories

##### IARC (International Agency for Research on Cancer)

None of the ingredients is listed.

##### NTP (National Toxicology Program)

None of the ingredients is listed.

##### OSHA-Ca (Occupational Safety & Health Administration)

None of the ingredients is listed.

## 12 Ecological information

### Toxicity

**Aquatic toxicity:** No further relevant information available.

**Persistence and degradability** No further relevant information available.

**Bioaccumulative potential** No further relevant information available.

**Mobility in soil** No further relevant information available.

**General notes:** Generally not hazardous for water.

#### Results of PBT and vPvB assessment

**PBT:** Not applicable.

**vPvB:** Not applicable.

**Other adverse effects** No further relevant information available.

## 13 Disposal considerations

### Waste treatment methods

**Recommendation:** Smaller quantities can be disposed of with household waste.

### Uncleaned packagings

**Recommendation:** Disposal must be made according to official regulations.



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Trade name: trowalplast media

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## 14 Transport information

<b>UN-Number</b>	
<b>DOT, ADR, ADN, IMDG, IATA</b>	void
<b>UN proper shipping name</b>	
<b>DOT, ADR, ADN, IMDG, IATA</b>	void
<b>Transport hazard class(es)</b>	
<b>DOT, ADR, ADN, IMDG, IATA</b>	
<b>Class</b>	void
<b>Packing group</b>	
<b>DOT, ADR, IMDG, IATA</b>	void
<b>Environmental hazards:</b>	Not applicable.
<b>Special precautions for user</b>	Not applicable.
<b>Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code</b>	Not applicable.
<b>UN "Model Regulation":</b>	void

## 15 Regulatory information

Safety, health and environmental regulations/legislation specific for the substance or mixture

Sara

<b>Section 355 (extremely hazardous substances):</b>
None of the ingredient is listed.

<b>Section 313 (Specific toxic chemical listings):</b>
None of the ingredients is listed.

<b>TSCA (Toxic Substances Control Act) (Substances not listed):</b>
All ingredients are listed.

Proposition 65

<b>Chemicals known to cause cancer:</b>
None of the ingredients is listed.

<b>Chemicals known to cause reproductive toxicity for females:</b>
None of the ingredients is listed.

<b>Chemicals known to cause reproductive toxicity for males:</b>
None of the ingredients is listed.

<b>Chemicals known to cause developmental toxicity:</b>
None of the ingredients is listed.

Carcinogenicity categories

<b>EPA (Environmental Protection Agency):</b>
None of the ingredients is listed.



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**WALTHER  
TROWAL!**

# Safety Data Sheet acc. to OSHA HCS

Page 7/7

Printing date 04/14/2016

Reviewed on 04/14/2016

Version 6

Trade name: trowalplast media

2416

<b>TLV (Threshold Limit Value established by ACGIH):</b>
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None of the ingredients is listed.
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<b>NIOSH-Ca (National Institute for Occupational Safety and Health):</b>
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None of the ingredients is listed.
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**GHS label elements** void

**Hazard pictograms** void

**Signal word** void

**Hazard statements** void

**Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.

## 16 Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

**Department issuing SDS:**

Walther Trowal GmbH & Co. KG

Laboratory department

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(Languages: German, English)

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**Abbreviations and acronyms:**

ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)

IMDG: International Maritime Code for Dangerous Goods

DOT: US Department of Transportation

IATA: International Air Transport Association

ACGIH: American Conference of Governmental Industrial Hygienists

EINECS: European Inventory of Existing Commercial Chemical Substances

ELINCS: European List of Notified Chemical Substances

CAS: Chemical Abstracts Service (division of the American Chemical Society)

NFPA: National Fire Protection Association (USA)

HMIS: Hazardous Materials Identification System (USA)

LD50: Lethal dose, 50 percent

PBT: Persistent, Bioaccumulative and Toxic

vPvB: very Persistent and very Bioaccumulative

NIOSH: National Institute for Occupational Safety

OSHA: Occupational Safety & Health

TLV: Threshold Limit Value

PEL: Permissible Exposure Limit

REL: Recommended Exposure Limit

LC50: Lethal concentration, 50 percent

BEI: Biological Exposure Limit

(US-EN)