

# Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH)



Article no.: 0039  
Date of print: 22.02.2013

DWH 311 Thickener Powder(0039  
Revision date: 28.01.2012

EN  
Page:1 / 5

## 1. Identification of the substance/ preparation and of the company/ undertaking

**Article no. (manufacturer / supplier):** 0039  
**Identification of the substance or preparation:** DWH 311 Thickener Powder(0039  
**Supplier (manufacturer/importer/downstream user/distributor):**  
DIAMANT Metallplastic GmbH  
Hontzlarstr. 12-14 Telephone: +49(0)2166-98360  
41238 Mönchengladbach Telefax: +49/2166/83025  
**Dept. responsible for information:**  
Lab E-mail (competent person): info@diamant-polymer.de  
Emergency telephone: +49(0)2166-98360  
Only available during office hours.

## 2. Hazards identification

**This preparation is not classified as dangerous according to 1999/45/EC.**  
**Information pertaining to special dangers for human and environment**  
not applicable

## 3. Composition/ Information on ingredients

chemical characterization (preparation)

**Description:** DWH

**Hazardous ingredients:**

EC No:	Identification of the hazard:	Hazard symbol(s):	% by weight
CAS No.:	R phrases:	Remark:	
INDEX no.:	REACH No:		
231-072-3	aluminium powder (stabilized)	F	50 - 100
7429-90-5	11-15	*	
013-002-00-1			

### Additional information

\* This preparation does not contain harmful substances and/or substances hazardous to the environment in accordance with the substance directive 67/548/EEC (incl. 29 ATP) or substances to which occupational exposure limit values are allocated. This preparation does not contain harmful substances and/or substances hazardous to the environment in accordance with the substance directive 67/548/EEC (incl. 31 ATP) or substances to which occupational exposure limit values are allocated.

## 4. First-aid measures

### General information:

In all cases of doubt, or when symptoms persist, seek medical advice. In case of unconsciousness give nothing by mouth, place in unconscious position and seek medical advice.

### After inhalation

Move victim to fresh air. Put victim at rest and keep warm. In case of irregular breathing or respiratory arrest provide artificial respiration.

### In case of skin contact:

Take off immediately all contaminated clothing. After contact with skin, wash immediately with plenty of water and soap. Do not use solvents or thinners.

### In case of eye contact:

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Seek medical advice.

### After ingestion:

If swallowed, rinse mouth with water (only if the person is conscious). Consult physician immediately. Keep victim calm. Do not induce vomiting.

## 5. Firefighting measures

### Suitable extinguishing media:

Alcohol resistant foam, Carbon dioxide, Powder, spray mist, (water)

### Extinguishing media which must not be used for safety reasons:

Strong water jet

# Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH)



Article no.: 0039  
Date of print: 22.02.2013

DWH 311 Thickener Powder(0039  
Revision date: 28.01.2012

EN  
Page:2 / 5

## Special exposure hazards arising from the substance or preparation itself, its combustion products or from resulting gases:

Dense black smoke occurs during fire. Inhaling hazardous decomposing products can cause serious health damage.

## Special protective equipment for firefighters:

Provide a conveniently located respiratory protective device.

## Additional information:

Cool closed containers that are near the source of the fire. Do not allow water used to extinguish fire to enter drains, ground or waterways. Treat runoff as hazardous.

## 6. Accidental release measures

### Personal precautions

Ventilate affected area. Do not breathe vapours. See protective measures under point 7 and 8.

### Environmental measures

Do not allow to enter into surface water or drains. If the product contaminates lakes, rivers or sewages, inform competent authorities in accordance with local regulations.

### methods for cleaning up

Isolate leaked material using non-flammable absorption agent (e.g. sand, earth, vermiculit, diatomaceous earth) and collect it for disposal in appropriate containers in accordance with the local regulations (see chapter 13). Clean using cleansing agents. Do not use solvents.

## 7. Handling and storage

### Handling

#### Advices on safe handling

Avoid contact with skin, eyes and clothes. Avoid respiration of swarf. When using do not eat, drink or smoke. Personal protection equipment: refer to chapter 8. Do not empty containers with pressure - no pressure vessel! Always keep in containers that correspond to the material of the original container. Follow the legal protection and safety regulations.

### Storage

#### Requirements for storerooms and containers:

Storage in accordance with the Ordinance on Industrial Safety and Health (BetrSiVO). Keep container tightly closed. Do not empty containers with pressure - no pressure vessel! Smoking is forbidden. Access only for authorised persons. Store carefully closed containers upright to prevent any leaks.

#### Hints on joint storage

Keep away from strongly acidic and alkaline materials as well as oxidizers.

#### Further information on storage conditions

Store in a well-ventilated and dry room at temperatures between 15 °C and 30 °C. Keep container tightly closed. Smoking is forbidden. Access only for authorised persons. Store carefully closed containers upright to prevent any leaks.

## 8. Exposure controls / Personal protection

### Technical measures to prevent exposure

Provide good ventilation. This can be achieved with local or room suction.

### Components with occupational exposure limits resp. biological occupational exposure limits requiring monitoring:

EC No:	Description:	type:	Limit value	Unit
CAS No.:			STEL (EC) TWA (EC)	
231-072-3	aluminium powder (stabilized)		10	mg/m3
7429-90-5				

Stated values are taken from the then applicable German TRGS 900 or the German VCI table for exposure limit values.

TWA (EC): Occupational exposure limit value

STEL (EC): Short-term occupational exposure limit value

### Occupational exposure controls:

#### Respiratory protection:

Not applicable.

#### Hand protection:

For prolonged or repeated handling the following glove material must be used: nitrile rubber or butyl rubber  
Observe the instructions and details for use, storage, maintenance and replacement provided by the protective glove

# Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH)



Article no.: 0039  
Date of print: 22.02.2013

DWH 311 Thickener Powder(0039  
Revision date: 28.01.2012

EN  
Page:3 / 5

manufacturer. Penetration time of glove material depending on intensity and duration of exposure to skin. Recommended glove articles: DIN EN 374 Barrier creams can help protecting exposed skin areas. In no case should they be used after contact.

#### Eye protection:

Wear closely fitting protective glasses in case of splashes.

#### Body protection:

Not applicable.

#### Protective measures:

After contact clean skin thoroughly with water and soap oder use appropriate cleanser.

## 9. Physical and chemical properties

#### Appearance:

**Physical state:** powder  
**Colour** as labeled  
**Odour:** characteristic

#### Safety relevant basis data

	Unit	Method	Remark:
<b>Flash point:</b>	NB		
<b>Ignition temperature (AIT):</b>	600 °C		
<b>lower explosion limit:</b>	not applicable	Vol-%	
<b>Upper explosion limit:</b>	not applicable	Vol-%	
<b>Vapour pressure at 20 °C:</b>	not applicable	mbar	
<b>Density at 20 °C:</b>	3,68	g/cm <sup>3</sup>	
<b>Water solubility (g/l):</b>	insoluble		
<b>pH at 20 °C:</b>	-		
<b>Viscosity at °C</b>	Pulver		
<b>Solvent separation test (%):</b>	< 3	%	
<b>Solid content (%):</b>	100	% by weight	
<b>solvent content:</b>			
<b>Organic solvents::</b>	0	% by weight	
<b>Water:</b>	0	% by weight	

## 10. Stability and reactivity

#### Conditions to avoid

Stable when applying the recommended regulations for storage and handling. Further information on correct storage: refer to chapter 7. Hazardous decomposition byproducts may form with exposure to high temperatures.

#### Materials to avoid

Keep away from strong acids, strong bases and strong oxidizing agents to avoid exothermic reactions.

#### Hazardous decomposition products

Hazardous decomposition byproducts may form with exposure to high temperatures, e.g.: carbon dioxide, carbon monoxide, smoke, nitrogen oxides.

## 11. Toxicological information

No data on preparation itself available.

#### Practical experience

Other observations:

Repeated or prolonged contact with the preparation may cause removal of natural fat from the skin resulting in non-allergic contact dermatitis and/or absorption through skin. Splashing may cause eye irritation and reversible damage.

#### Overall Assessment on CMR properties:

The components in this formulation do not meet the criteria for classification as CMR category 1 or 2.

There is no information available on the preparation itself . The preparation has been assessed following the conventional method of the Dangerous Preparations Directive 1999/45/EC and has not been classified.

## 12. Ecological information

#### Overall evaluation:

There is no information available on the preparation itself .  
Do not allow to enter into surface water or drains.

# Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH)



Article no.: 0039  
Date of print: 22.02.2013

DWH 311 Thickener Powder(0039  
Revision date: 28.01.2012

EN  
Page:4 / 5

## Results of PBT assessment

The components in this formulation do not meet the criteria for classification as PBT or vPvB.

The preparation has been assessed following the conventional method of the Dangerous Preparations Directive 1999/45/EC and is not classified as dangerous for the environment.

## 13. Disposal considerations

### Appropriate disposal / Product

#### Recommendation:

Do not allow to enter into surface water or drains. This material and its container must be disposed of in a safe way. Waste disposal according to EC directives 75/442/EEC and 91/689/EEC in the corresponding versions, covering waste and dangerous waste.

#### Control report for waste code/ waste marking according to EAKV:

080201 waste coating powders

#### Contaminated packaging:

#### Recommendation:

Cleaned containers may be recycled. Vessels not properly emptied are special waste.

## 14. Transport information

This mixture is not classified as dangerous according to international transport regulations (ADR/RID, IMDG, ICAO/IATA).

## 15. Regulatory information

### EU legislation

#### Chemical Safety Assessment

Chemical safety assessments for substances in this preparation were not carried out.

#### Labelling (67/548/EEC or 1999/45/EC)

This preparation is not classified as dangerous according to 1999/45/EC.

not applicable

#### R phrases:

not applicable

#### S-phrases:

not applicable

#### Special provisions concerning the labelling of certain mixtures

not applicable

#### Other regulations (EU):

#### Information according to 1999/13/EC about limitation of emissions of volatile organic compounds (VOC-guideline).

VOC-value (in g/l) ISO 11890-2: 0

VOC-value (in g/l) ASTM D 2369: 0

#### National regulations

#### Informations on working limitations:

Observe employment restrictions under the Maternity Protection Directive (92/85/EEC) for expectant or nursing mothers.  
Observe restrictions to employment for juvenils according to the 'juvenile work protection guideline' (94/33/EC).

#### Substance/product listed in the following inventories:

AICS keine Information (AICSK-EN.rtf)

DSL keine Information (DSLK-EN.rtf)

IECSC keine Information (IECSCK-EN.rtf)

KECI keine Information (KECIK-EN.rtf)

MITI nicht gelistet (MITIN-EN.rtf)

PICCS keine Information (PICCSK-EN.rtf)

# Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH)



Article no.: 0039  
Date of print: 22.02.2013

DWH 311 Thickener Powder(0039  
Revision date: 28.01.2012

EN  
Page:5 / 5

No information of listing in TOXIC SUBSTANCES CONTROL ACT (TSCA)

## 16. Other information

- 11 Highly flammable
- 15 Contact with water liberates extremely flammable gas.

### Further remarks:

The information supplied on this safety data sheet complies with our current level of knowledge as well as with national and EU regulations. Without written approval, the product must not be used for purposes different from those mentioned in chapter 1. It is always the user's duty to take any necessary measures for meeting the requirements laid down by local rules and regulations. The details in this safety data sheet describe the safety requirements of our product and are not to be regarded as guaranteed attributes of the product.

## Annex

At present, data / information on exposure scenarios are not available, so that an evaluation of the preparation cannot yet be made.