

# Product-Information Sheet

according to a Safety Data Sheet corresponding to (EG) 1907/2006

Date: 05.06.2014

Replaces Edition from:

Productname: Z1215

## 1. Substance / preparation and name of company

Name of product: Z1215

### Application of the substance/ preparation

Heat Insulation and Engineering Materials

### Name of company:

HASCO Hasenclever GmbH & Co KG

Römerweg 4

D-58513 Lüdenscheid

Tel.: +49 (0) 23 51 - 95 70

Fax: +49 (0) 23 51 - 95 72 37

### Junction for technical information

+49 (0) 23 51 - 95 70 / [info@hasco.com](mailto:info@hasco.com)

### Emergency information

+49(0)2351-9570 (MO-FR 8-16 H)

## 2. Composition / information on ingredients

Chemical nature                      Solid inert material made from high temperature resistant thermosetting plastics i.e. glass fibers, mineral fillers and resin.

Hazardous ingredients              ---

## 3. Possible hazards

Specific hazards                      specific hazards are not known

## 4. First aid measures

If inhaled

Avoid inhaling of dust, stay in fresh-air area

On skin contact

The glass fibres might irritate the skin. Wash hands with plenty of water and soap and put on protective gloves/clothes.

On contact with eyes

Particle penetrated in the eye should be handled like foreign bodies; do not rub, flush with plenty of water; seek medical attention.

# Product-Information Sheet

according to a Safety Data Sheet corresponding to (EG) 1907/2006

Date: 05.06.2014

Replaces Edition from:

Productname: Z1215

## 5. Fire fighting measures

### Suitable extinguishing media

Water, water spray, foam, drying extinguishing media

### Unsuitable extinguishing media by reasons of safety

---

### Special danger

In case of fire carbon monoxide, carbon dioxide and other toxic gases and fumes (e.g. NOx) originate. In case of fires use a protective device exhaled air, self-contained of recirculated air.

## 6. Accidental release measures

### General information

---

### Environmental precautions

---

### Methods for cleaning up

---

## 7. Handling and storage

When cutting Z1215 ventilation or respiratory protection is recommended (glass dust)  
Store dry in original package at ambient temperature.

## 8. Exposure control and personal protection

For this product no limiting values depending on the working places must be applied.  
Respiratory protection respectively exhaust installation is recommended during mechanical machining of Z1215.

Please take care of general advices regarding industrial occupation hygiene. Do not eat, drink and smoke during work.

## 9. Physical and chemical properties

### Appearance

Form	solid board
Colour	orange
Odour	none

### Change of condition

Boiling point	---
Melting point	---
Flash point	---
Ignition temperature	approx. 400°C
Thermal decomposition	at continuous high temperatures > 230°C

# Product-Information Sheet

according to a Safety Data Sheet corresponding to (EG) 1907/2006

Date: 05.06.2014

Replaces Edition from:

Productname: Z1215

Explosion limits	---
Vapour pressure	---
Density	approx. 1.75-1.90 g/cm <sup>3</sup>
Bulk density	---
Solubility in water	---
pH - value	---
Viscosity	---

## 10. Stability and reactivity

### Conditions to be avoided

If handled properly the product is stable.

### Materials to be avoided

Fire stimulating materials

### Thermal decomposition

At continuous high temperatures (> 230 °C) slow decomposition of the product

### Dangerous decomposition products

At thermal decomposition toxic products arise.

### Dangerous reactions

If handled according usual conditions of applications dangerous reactions are not known.

## 11. Toxicological information

No special knowledge available

## 12. Ecological information

Water hazard class 0: in general not dangerous to water (own classification)

## 13. Disposal considerations

No special advices, because the product is totally cured.

Pay attention to local authority regulations and directives for disposal.

Disposal code: AVV 101103 glass fibers disposal

## 14. Transport information

Land transport ADR / RID Not hazardous

Inland waterway transport ADN / ADNR Not hazardous

Sea transport IMDG Not hazardous

Air transport IATA - DGR Not hazardous

## Product-Information Sheet

according to a Safety Data Sheet corresponding to (EG) 1907/2006

Date: 05.06.2014

Replaces Edition from:

Productname: Z1215

### 15. Regulatory information

No special regulations

---

### 16. Other information

According to the present state of technology neither fibrogenous nor cancer causing modifications are caused through this glass fibre reinforced plastics. The glass filament products are produced through an endless production so that the critical parameter respectively parameter combinations (length:  $> 5 \mu\text{m}$ ; diameter:  $< 3 \mu\text{m}$ ; length: diameter  $>3:1$ ) will not be achieved.

However we recommend to provide for an adequate exhaust of the arising dust during machining respectively, respectively if an exhaust installation is not possible to wear suitable respiratory protection.

The information contained herein describes our product regarding possible safety requirements and marking in accordance with existing laws. It is based on the present state of knowledge and does not therefore guarantee certain properties. Recipients of our product must take responsibility for observing existing laws and regulations.