

Printing date 11.09.2013

Revision: 11.09.2013

Product identifier	
<b>Trade name:</b> <u>Ökoplast Plus 557</u> <b>Relevant identified uses of the substance or mixture and uses advised aga</b> No further relevant information available. <b>Application of the substance / the preparation</b> Additional hardener to accelerate curing of ÖKOPLAST 1K 20B.	linst
Details of the supplier of the safety data sheet Manufacturer/Supplier: Heinrich Hahne GmbH & Co. KG Heinrich-Hahne-Weg 11 45711 Datteln	Tel.:02363/5663-0
Further information obtainable from: Abteilung: Produktsicherheit Tel.: 02363 5663-0 EMail: info@hahne-bautenschutz.de Emergency telephone number: Giftinformationszentrum Nord (GIZ Nord) Universität Göttingen, Tel.: 0551-19240	
Hazards identification	
Classification of the substance or mixture Classification according to Regulation (EC) No 1272/2008 The product is not classified according to the CLP regulation.	
Classification according to Directive 67/548/EEC or Directive 1999/45/EC Information concerning particular hazards for human and environment: Safety data sheet available on request.	
Label elements Labelling according to Regulation (EC) No 1272/2008 Void Hazard pictograms Void Signal word Void	

- · Hazard statements Void
- Additional information:
- Safety data sheet available on request.
- · Other hazards
- · Results of PBT and vPvB assessment
- · PBT: Not applicable.
- · vPvB: Not applicable.

### 3 Composition/information on ingredients

- · Chemical characterization: Mixtures
- · Description: Reaction powder alumina cement base.
- · Dangerous components: Void

# 4 First aid measures

- · Description of first aid measures
- · After inhalation: Supply fresh air; consult doctor in case of complaints.
- · After skin contact: Immediately wash with water and soap and rinse thoroughly.
- After eye contact:
- Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.
- · After swallowing: Seek immediate medical advice.

(Contd. on page 2)

Safety data sheet according to 1907/2006/EC, Article 31



Revision: 11.09.2013

Printing date 11.09.2013

Trade name: Ökoplast Plus 55Z

(Contd. of page 1)

- · 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** Firefighting measures

- · Extinguishing media
- Suitable extinguishing agents:
- Not applicable, product is not flammable.

Use fire fighting measures that suit the environment.

- · Special hazards arising from the substance or mixture No further relevant information available.
- · Advice for firefighters Not required.

# 6 Accidental release measures

· Personal precautions, protective equipment and emergency procedures Avoid contact with skin and eyes

- Environmental precautions:
- No special measures required.
- Do not allow to enter sewers/ surface or ground water.
- Methods and material for containment and cleaning up: Pick up mechanically.
- · Reference to other sections No dangerous substances are released.

#### 7 Handling and storage

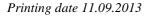
- · Handling:
- Precautions for safe handling Avoid formation of dust.
- · Information about fire and explosion protection: No special measures required.
- · Conditions for safe storage, including any incompatibilities
- · Storage:
- Requirements to be met by storerooms and receptacles: Store in dry conditions.
- · Information about storage in one common storage facility:
- Do not store together with acids.
- Store away from foodstuffs.
- · Further information about storage conditions: Protect from humidity and water.
- · Specific end use(s) No further relevant information available.

# 8 Exposure controls/personal protection

- Additional information about design of technical facilities: No further data; see item 7.
- · Control parameters
- Ingredients 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 valid during the making were used as basis.
- · Exposure controls
- · Personal protective equipment:
- $\cdot$  General protective and hygienic measures:
- The usual precautionary measures are to be adhered to when handling chemicals.
- Respiratory protection: Wear a dust mask if dust is generated.
- · Protection of hands: Protective gloves.

(Contd. on page 3)

Safety data sheet according to 1907/2006/EC, Article 31



Revision: 11.09.2013

hahi

## Trade name: Ökoplast Plus 55Z

(Contd. of page 2)

Bautenschutz System

• *Material of gloves* The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.

Recommended use of rubber gloves with cotton lining fabric.

- · Penetration time of glove material
- The exact break trough time has to be found out by the manufacturer of the protective gloves and has to be observed.
- $\cdot$  Eye protection: In case of dust and splashes goggles.
- · Body protection: Protective work clothing.

Physical and chemical properties		
Information on basic physical	and chemical properties	
· General Information		
· Appearance: Form:	Powder	
Colour:	Grey	
· Odour:	Odourless	
• pH-value (1000 g/l) at 20 •C:	12	
• Change in condition Melting point/Melting range: Boiling point/Boiling range:		
· Flash point:	Not applicable.	
· Self-igniting:	Product is not selfigniting.	
· Danger of explosion:	Product does not present an explosion hazard.	
· Density at 20 °C:	1.3 g/cm <sup>3</sup>	
· Solubility in / Miscibility with water:	dispersibile	
· Solvent content:		
Solids content:	100 %	
• Other information	No further relevant information available.	

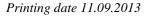
# 10 Stability and reactivity

- · Reactivity
- · 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.

(Contd. on page 4)

GB

Safety data sheet according to 1907/2006/EC, Article 31



Revision: 11.09.2013

hah

Trade name: Ökoplast Plus 55Z

(Contd. of page 3)

GB

Bautenschutz Syste

# 11 Toxicological information

- · Information on toxicological effects
- Acute toxicity:
- · Primary irritant effect:
- $\cdot$  on the skin: In combination with moisture local irritation of the skin are possible.
- $\cdot$  on the eye: Due to the alkalinity of eye irritation are possible.
- · Sensitization: No sensitizing effects known.
- · Additional toxicological information:

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

# 12 Ecological information

- · Toxicity
- · Aquatic toxicity: No further relevant information available.
- · Persistence and degradability No further relevant information available.
- · Behaviour in environmental systems:
- · Bioaccumulative potential No further relevant information available.
- · Mobility in soil No further relevant information available.
- Additional ecological information:
- General notes: Water hazard class 1 (German Regulation) (Self-assessment): slightly hazardous for water Do not allow undiluted product or large quantities of it to reach ground water, water
- Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.
- · 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
- · European waste catalogue

17 01 01 concrete

· Recommendation: Dispose of packaging according to regulations on the disposal of packagings.

· UN-Number		
· ADR, ADN, IMDG, IATA	Void	
· UN proper shipping name		
· ADR, ADN, IMDG, IATA	Void	
· Transport hazard class(es)		
· ADR, ADN, IMDG, IATA		
· Class	Void	
· Packing group		
· ADR, IMDG, IATA	Void	

<sup>·</sup> Uncleaned packaging:

Safety data sheet according to 1907/2006/EC, Article 31



Printing date 11.09.2013

Revision: 11.09.2013

GB

Trade name: Ökoplast Plus 55Z

	(Contd. of page 4)	
· Environmental hazards:	Not applicable.	
· Special precautions for user	Not applicable.	
• Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code	Not applicable.	
· Transport/Additional information:	Not dangerous according to the above specifications.	
· UN "Model Regulation":	-	

# **15 Regulatory information**

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

- · National regulations:
- Waterhazard class: Water hazard class 1 (Self-assessment): slightly hazardous for water.
- · 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.

#### · 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

IATA: International Air Transport Association

GHS: Globally Harmonized System of Classification and Labelling of Chemicals