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1.1 Product identifier	
Trade name: <u>IMBERAL RSB 55Z, powder</u>	
Article number: 50053 A 1.2 Relevant identified uses of the substance or mixture and uses and No further relevant information available. Application of the substance / the mixture Reactive, flexible, rapid v	0
1.3 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 1.4 Emergency telephone number: Giftinformationszentrum Nord (GIZ Nord) Universität Göttingen, Tel.: 0551-19240	
SECTION 2: Hazards identification	
2.1 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 1
 Information concerning particular hazards for human and environment: Not applicable.
- Safety data sheet available on request.

· 2.2 Label elements

- · Labelling according to Regulation (EC) No 1272/2008 Void
- · Hazard pictograms Void
- · Signal word Void
- · Hazard statements Void
- · 2.3 Other hazards Product reacts alkaline in combination with water.
- · Results of PBT and vPvB assessment
- · **PBT:** Not applicable.
- · vPvB: Not applicable.

SECTION 3: Composition/information on ingredients

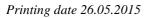
- · 3.2 Chemical characterisation: Mixtures
- · Description: reaction powder
- · Dangerous components: Void

SECTION 4: First aid measures

- 4.1 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.

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- 4.2 Most important symptoms and effects, both acute and delayed No further relevant information available.
 4.3 Indication of any immediate medical attention and special treatment needed
- No further relevant information available.

SECTION 5: Firefighting measures

- Suitable extinguishing agents: Not applicable, product is not flammable.
- · 5.2 Special hazards arising from the substance or mixture No further relevant information available.
- 5.3 Advice for firefighters Use fire fighting measures that suit the environment.

SECTION 6: Accidental release measures

- · 6.1 Personal precautions, protective equipment and emergency procedures Avoid contact with skin and eyes.
- 6.2 Environmental precautions: No special measures required.
- Do not allow to enter sewers/ surface or ground water.
- · 6.3 Methods and material for containment and cleaning up: Pick up mechanically.
- 6.4 Reference to other sections No dangerous substances are released.

SECTION 7: Handling and storage

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

SECTION 8: Exposure controls/personal protection

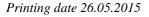
- Additional information about design of technical facilities: No further data; see item 7.
- · 8.1 Control parameters
- · Ingredients with limit values that require monitoring at the workplace:
- · Additional information: The lists valid during the making were used as basis.
- · 8.2 Exposure controls
- · Personal protective equipment:
- · 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: gloves
- · 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.

Rubber gloves with cotton inner fabric.

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^{· 5.1} Extinguishing media



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· 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.

· Eye protection: In case of dust and splashes goggles.

· Body protection: Protective clothing

SECTION 9: Physical and chemical properties

•9.1 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:	: Undetermined.	
Boiling point/Boiling range:	Undetermined.	
· Flash point:	Not applicable.	
· Self-igniting:	Product is not selfigniting.	
· Danger of explosion:	Product does not present an explosion hazard.	
· Density at 20 •C:	1.5 g/cm ³	
· Solubility in / Miscibility with		
water:	Soluble.	
· Solvent content:		
Solids content:	100.0 %	
• 9.2 Other information	No further relevant information available.	
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SECTION 10: Stability and reactivity

- · 10.1 Reactivity
- · 10.2 Chemical stability
- Thermal decomposition / conditions to be avoided: No decomposition if used according to specifications.
- · 10.3 Possibility of hazardous reactions No dangerous reactions known.
- 10.4 Conditions to avoid No further relevant information available.
- 10.5 Incompatible materials: No further relevant information available.
- · 10.6 Hazardous decomposition products: No dangerous decomposition products known.

SECTION 11: Toxicological information

- · 11.1 Information on toxicological effects
- · Acute toxicity:
- Primary irritant effect:
- \cdot on the skin: In conjunction with water local irritation of the skin are possible.
- \cdot on the eye: Due to the alkalinity eye irritation are possible.
- \cdot **Sensitisation:** No irritant effect.

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 \cdot 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.

SECTION 12: Ecological information

· 12.1 Toxicity

• Aquatic toxicity: No further relevant information available.

- · 12.2 Persistence and degradability No further relevant information available.
- 12.3 Bioaccumulative potential No further relevant information available.
- 12.4 Mobility in soil No further relevant information available.
- \cdot 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 course or sewage system.

- · 12.5 Results of PBT and vPvB assessment
- **PBT:** Not applicable.
- **vPvB:** Not applicable.
- · 12.6 Other adverse effects No further relevant information available.

SECTION 13: Disposal considerations

· 13.1 Waste treatment methods

· European waste catalogue

17 01 01 concrete

· Uncleaned packaging:

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

SECTION 14: Transport information

· 14.1 UN-Number	
· ADR, ADN, IMDG, IATA	Void
· 14.2 UN proper shipping name	
$\cdot ADR$	Void
· ADN, IMDG, IATA	Void
· 14.3 Transport hazard class(es)	
· ADR, ADN, IMDG, IATA	
· Class	Void
· 14.4 Packing group	
· ADR, IMDG, IATA	Void
· 14.5 Environmental hazards:	Not applicable.
\cdot 14.6 Special precautions for user	Not applicable.
· 14.7 Transport in bulk according to Anne	ex II of
MARPOL73/78 and the IBC Code	Not applicable.
· Transport/Additional information:	Not dangerous according to the above specifications.
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· UN "Model Regulation":

SECTION 15: Regulatory information

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

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- · National regulations:
- · Waterhazard class: Water hazard class 1 (Self-assessment): slightly hazardous for water.
- Other regulations, limitations and prohibitive regulations GISCODE: ZP 1
- · 15.2 Chemical safety assessment: A Chemical Safety Assessment has not been carried out.

SECTION 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:

RID: Règlement international concernant le transport des marchandises dangereuses par chemin de fer (Regulations Concerning the International Transport of Dangerous Goods by Rail)

- 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 Harmonised System of Classification and Labelling of Chemicals
- 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)

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