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SECTION 1: Identification of the substance/mixture and of the company/un	dertaking
· 1.1 Product identifier	
· Trade name: <u>INTRASIT USP 54Z</u>	
<ul> <li>Article number: 50379 A</li> <li>1.2 Relevant identified uses of the substance or mixture and uses advised against No further relevant information available.</li> <li>Application of the substance / the mixture Mineral dry mortar to be mixed with water.</li> </ul>	
<ul> <li>1.3 Details of the supplier of the safety data sheet</li> <li>Manufacturer/Supplier: Heinrich Hahne GmbH &amp; Co. KG Heinrich-Hahne-Weg 11 45711 Datteln</li> </ul>	1.:02363/5663-0
<ul> <li>Further information obtainable from: Abteilung: Produktsicherheit Tel.: 02363 5663-0 EMail: info@hahne-bautenschutz.de</li> <li>1.4 Emergency telephone number: Giftinformationszentrum Nord (GIZ Nord) Universität Göttingen, Tel.: 0551-19240</li> </ul>	
SECTION 2: Hazards identification	
<ul> <li>2.1 Classification of the substance or mixture</li> <li>Classification according to Regulation (EC) No 1272/2008</li> <li>GHS05 corrosion</li> <li>Eye Dam. 1 H318 Causes serious eye damage.</li> <li>GHS07</li> <li>Skin Irrit. 2 H315 Causes skin irritation.</li> <li>STOT SE 3 H335 May cause respiratory irritation.</li> </ul>	
<ul> <li>Classification according to Directive 67/548/EEC or Directive 1999/45/EC</li> <li>Hazard description: Xi Irritant</li> <li>Information concerning particular hazards for human and environment: R 41 Risk of serious damage to eyes.</li> <li>Classification system: The classification is according to the latest editions of the EU-lists, and extended by compandata.</li> </ul>	ny and literature
<ul> <li>2.2 Label elements</li> <li>Labelling according to Regulation (EC) No 1272/2008 The product is classified and labelled according to the CLP regulation.</li> <li>Hazard pictograms</li> </ul>	
GHS05 GHS07	
· Signal word Danger	(Contd. on page 2)

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· Hazard-determ	ining components of labelling:
Cement, portlar	
calcium dihydro	oxide
• Hazard stateme	ents
H315 Causes sk	kin irritation.
H318 Causes se	erious eye damage.
H335 May caus	e respiratory irritation.
· Precautionary s	statements
P261	Avoid breathing dust/fume/gas/mist/vapours/spray.
P280	Wear protective gloves/protective clothing/eye protection/face protection.
P305+P351+P	338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P304+P340	IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
P312	Call a POISON CENTER or doctor/physician if you feel unwell.
P332+P313	If skin irritation occurs: Get medical advice/attention.
· 2.3 Other hazar	rds Product reacts with water alkaline
· Results of PBT	and vPvB assessment
• <b>PBT:</b> Not appli	cable.
• <b>vPvB:</b> Not appl	icable.

## SECTION 3: Composition/information on ingredients

· 3.2 Chemical characterisation: Mixtures

• Description: Mixture of substances listed below with nonhazardous additions.

	5	
• Dangerous compone	ents:	
	Cement, portland, chemicals	10-25%
EINECS: 266-043-4	Xi R37/38-41	
	🤣 Eye Dam. 1, H318; 🚸 Skin Irrit. 2, H315; STOT SE 3, H335	
CAS: 1305-62-0	calcium dihydroxide	2.5-10%
EINECS: 215-137-3	🗙 Xi R41	
	🚱 Eye Dam. 1, H318	
· Additional informati	ion: GISCODE: ZP1	

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#### **SECTION 4:** First aid measures

· 4.1 Description of first aid measures

• After inhalation: Supply fresh air and to be sure call for a doctor.

· After skin contact: Immediately wash with water and soap and rinse thoroughly.

• After eye contact: Rinse opened eye for several minutes under running water. Then consult a doctor.

• After swallowing: Drink plenty of water and provide fresh air. Call for a doctor immediately.

· 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**

· 5.1 Extinguishing media

· Suitable extinguishing agents: Not applicable, product is not flammable

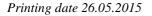
• 5.2 Special hazards arising from the substance or mixture No further relevant information available.

• 5.3 Advice for firefighters Use fire fighting measures that suit the environment.

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Bautenschutz Syste

# **SECTION 6: Accidental release measures**

• **Protective equipment:** No special measures required.

- · 6.1 Personal precautions, protective equipment and emergency procedures Avoid formation of dust.
- · 6.2 Environmental precautions: Do not allow to enter sewers/ surface or ground water.
- 6.3 Methods and material for containment and cleaning up: Pick up mechanically.

In case of inadequate ventilation wear respiratory protection.

• 6.4 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.

# 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: Store in dry conditions.
- Store only in unopened original receptacles. • Information about storage in one common storage facility: Store away from foodstuffs. Do not store together with acids.
- Further information about storage conditions: Protect from humidity and water.
- Storage class: VCI storage class 13
- 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:

65997-15-1 Cement, portland, chemicals (10-25%)

WEL Long-term value: 10\* 4\*\* mg/m<sup>3</sup>

\*inhalable dust \*\*respirable dust

14808-60-7 Quartz (SiO2) (50-100%)

WEL respirable fraction

1305-62-0 calcium dihydroxide (2.5-10%)

WEL Long-term value: 5 mg/m<sup>3</sup>

#### · Additional information:

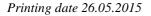
General dust limit 3 (A) mg /  $m^3$ . The exposure limit values are taken at the time of the creation of valid TRGS 900th

- · 8.2 Exposure controls
- · Personal protective equipment:
- General protective and hygienic measures:
- Keep away from foodstuffs, beverages and feed.

Immediately remove all soiled and contaminated clothing

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Wash hands before breaks and at the end of work. Avoid contact with the skin. Avoid contact with the eyes and skin. · Respiratory protection: In case of dust formation, wear respiratory protection. · Protection of hands: Protective 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. Protective gloves made of rubber, butyl rubber, nitrile rubber

· 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 formation and splashes goggles.

· Body protection: Protective work clothing.

### **SECTION 9: Physical and chemical properties**

• 9.1 Information	on basic	physical	and c	hemical	properties
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Conoral Information

• General Information	
· Appearance:	
Form:	Powder
Colour:	Grey
· Odour:	Odourless
· pH-value at 20 °C:	11-13
· 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:	Not determined.
· Solubility in / Miscibility with	
water:	Dispersible.
· Solvent content:	
Solids content:	100.0 %
• 9.2 Other information	No further relevant information available.

## 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:
- Avoid contact with acids.

Protect from moisture.

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• 10.6 Hazardous decomposition products: No dangerous decomposition products known.

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### SECTION 11: Toxicological information

- · 11.1 Information on toxicological effects
- · Acute toxicity:
- · Primary irritant effect:
- on the skin: Irritant to skin and mucous membranes.
- on the eye: Strong irritant with the danger of severe eye injury.
- Sensitisation: As long as the expiration date is exceeded, is not expected to have a sensitizing effect.
- · Additional toxicological information:

The product shows the following dangers according to the calculation method of the General EU Classification Guidelines for Preparations as issued in the latest version: Irritant

### **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.
- · Additional ecological information:
- · General notes: Water hazard class 1 (German Regulation) (Self-assessment): slightly hazardous for water
- · 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
- · Recommendation

Must not be disposed together with household garbage. Do not allow product to reach sewage system.

- · European waste catalogue
- 17 01 01 | concrete
- · Uncleaned packaging:
- · Recommendation: Disposal must be made according to official regulations.

### **SECTION 14: Transport information** · 14.1 UN-Number · ADR, ADN, IMDG, IATA Void 14.2 UN proper shipping name Void · ADR Void · ADN, IMDG, IATA · 14.3 Transport hazard class(es) · ADR, ADN, IMDG, IATA Void · Class (Contd. on page 6)



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· 14.4 Packing group · ADR, IMDG, IATA	Void	
• 14.5 Environmental hazards:	Not applicable.	
· 14.6 Special precautions for user	Not applicable.	
• 14.7 Transport in bulk according to Anna MARPOL73/78 and the IBC Code	<b>ex II of</b> Not applicable.	
· UN "Model Regulation":	-	

### **SECTION 15: Regulatory information**

· 15.1 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.
- · 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.

#### · Relevant phrases

- H315 Causes skin irritation.
- H318 Causes serious eye damage.
- H335 May cause respiratory irritation.

R37/38 Irritating to respiratory system and skin.

R41 Risk of serious damage to eyes.

#### · 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 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) Skin Irrit. 2: Skin corrosion/irritation, Hazard Category 2 Eye Dam. 1: Serious eye damage/eye irritation, Hazard Category 1

STOT SE 3: Specific target organ toxicity - Single exposure, Hazard Category 3