

# Material Safety Data Sheet

## SC-AwaTec® Mortar

SC-SDB SC-AwaTec-Mortar E-Rev 01

In accordance with Regulation (EC) 1907/2006/EG, Article 31  
Version: 01.03.2018

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## Section 1 Identification of the product and of the company

### 1.1 Product identifier

<b>ultra</b>	Reprofiling and coating mortar	<b>supix</b>	Shaft head and grouting mortar
<b>repro</b>	Reprofiling and coating mortar	<b>pix</b>	Shaft head and grouting mortar
<b>classic</b>	Reprofiling, joint filling, masonry and coating mortar	<b>fast</b>	Repair mortar – surface sealant
<b>robo</b>	Injection mortar for the repair/rehabilitation of feed integrations	<b>inject</b>	Injection mortar – for the filling of cracks, immovable joints, cavities and ground stabilisation
<b>fill</b>	Repair mortar – plugging mortar	<b>quick</b>	Repair mortar
<b>comp</b>	Masonry, repair and shaft head mortar	<b>premium</b>	Reprofiling, joint filling, masonry and coating mortar

### 1.2 Relevant identified uses of the mixture and uses advised against

No relevant information available.

### 1.3 Details of the supplier of the safety data sheet

#### Manufacturer/Supplier

Th. Scholten GmbH & Co. KG  
 Robert-Bosch-Straße 23-25  
 D-42489 Wülfrath/Germany  
 Tel.: +49 2058 9245 0  
 E-Mail: scholten@scholten-gmbh.de

## Section 2 Hazards identification

### 2.1 Classification of the mixture

According to Regulation (EC) No. 1272/2008



GHS05 Danger  
 Eye Dam. 1 H318 Causes serious eye damage



GHS07 Warning  
 Skin Irrit. 2 H315 Causes skin irritation  
 STOT SE 3 H335 May cause respiratory irritation

### 2.2 Label elements according to Regulation (EC) No. 1272/2008

The product is classified and labelled in accordance with CLP Regulation.

#### Hazard

#### pictograms

#### Signal word



GHS05 Danger



GHS07 Warning

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**Hazard-determining components of labelling:**

Portland cement (low chromate)

**Hazard statements**

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

**Precautionary statements**

- P101 If medical advice is needed, have product container or label at hand.  
P102 Keep out of reach of children.  
P103 Read label before use.  
P260 Do not inhale dust.  
P262 Do not get in eyes, on skin, or on clothing.  
P280 Wear protective gloves / protective clothing / eye protection / face protection.  
P305+P351+P338+P313 If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing. Get medical advice or attention.  
P310 Immediately call a POISON CENTER or doctor/physician.  
P362 Take off contaminated clothing and wash before reuse.  
P302+P352 IF ON SKIN: Wash with plenty of water and soap.  
P501 Dispose of contents / container in accordance with local / regional / national / international regulations.

**2.3 Other hazards**

The criteria for PBT or vPvP are not applicable.

**Section 3 Composition / Information on ingredients****3.1 Substances**

The products are mixtures.

**3.2 Mixture**

- CAS-No.: 65997-15-1 Portland cement (low chromate)  
EINECS-No.: 266-043-4 Eye Dam. 1, H318; Skin Irrit. 2, H315; STOT SE 3, H335

Additional note:

See Section 16 for wordings of the hazards statements.

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**Section 4 First Aid measures****4.1 Description of first aid measures**

General notes:	No special measures required.
If inhaled:	Move the person to fresh air. Seek medical attention if experiencing any discomfort.
If on skin:	Immediately wash off with water and soap, rinse thoroughly.
If in eyes:	Do not rub eyes. Remove contact lenses if present. Rinse eyes open for at least 15 minutes under running water. Seek medical attention if irritation persists.
If swallowed:	Immediately rinse mouth with plenty of water. Then, drink plenty of water in small sips. Do not induce vomiting.

**4.2 Most important symptoms and effects, both acute and delayed**

Eyes:	Potentially irreversible eye injuries.
Skin:	Irritating effect on moist skin after prolonged contact.
Inhalation:	Repeated inhalation of larger quantities increases the risk of developing lung diseases.

**4.3 Indication of any immediate medical attention and special treatment needed**

- If in eyes, always consult an ophthalmologist.  
If swallowed, always consult a doctor/physician.

**Section 5 Fire-fighting measures****5.1 Extinguishing media**

The products are non-flammable and non-explosive.  
Adapt extinguishing measures to suit the environment.

**5.2 Special hazards arising from the substance or mixture**

No specific fire-related hazards known.

**5.3 Advice for fire-fighters**

No specific measures required.

**Section 6 Accidental release measures****6.1 Personal precautions, protective equipment and emergency procedures**

Wear protective equipment. Keep unprotected persons away.  
Avoid generation of dust. Ensure sufficient ventilation.

**6.2 Environmental precautions**

Do not discharge into sewage and drainage systems or into bodies of water.

**6.3 Methods and material for containment and cleaning up**

For example, dry material can be taken up with an industrial vacuum cleaner. Avoid dust formation.  
Allow damp material to harden and pick up mechanically.

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#### 6.4 Reference to other sections

See section 13 for details on disposal.

## Section 7 Handling and storage

### 7.1 Precautions for safe handling

Open container carefully, and do not leave open.

Avoid generation of dust. Provide suction extractors if dust is formed.

Avoid contact with skin, eyes or clothing. Do not eat, drink, smoke or sniff when using the product.

Keep away from food and drink.

Product must not come into contact with air humidity prior to use.

When using products from bags and open mixing containers, first fill container with water, then slowly and carefully add the dry material from a low height. Start with slowly turning mixer.

Precautions against fire and explosion: no special measures required.

### 7.2 Conditions for safe storage, including any incompatibilities, requirements on storage facilities and containers

Information regarding storage conditions:

Store in cool and dry conditions, in original packages.

Combined storage:

Store away from foodstuffs.

Further information regarding storage conditions:

Store in cool and dry conditions, in tightly closed packages. Protect against moisture.

Storage category:

LGK / VCI: 13 – non-combustible substances

### 7.3 Specific end use(s)

GISCODE ZP1 (products containing cement, low-chromate)

## Section 8 Exposure controls / personal protection

### 8.1 Control parameter

CAS-No.: 65997-15-1 Portland cement (low-chromate)

Specification: AGW TRGS 900 – occupational exposure limit (Status 01/2006)  
5 E mg/m<sup>3</sup> (DFG)

### 8.2 Exposure controls / personal protection

#### General protective and hygienic measures:

Do not eat, drink, smoke or sniff in workplace areas. Keep away from food, drink and animal feeding stuff. Immediately take off soiled, contaminated clothing. Wash hands before breaks and at the end of work. Avoid contact with eyes and skin. After handling the product, use a rehydrating skin cream.

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**Respiratory protection:**

Use breathing protection in case of insufficient ventilation.

For brief exposure or low level pollution, use a respiratory filter device; during intensive or longer exposure, use a self-contained breathing apparatus.

Short-term: particulate filter to EN 143 Type FFP1

**Hand protection:**

Protective gloves

The glove material has to be impermeable and resistant to the product / the substance / the preparation. Selection of the glove material in consideration of the penetration times, rates of diffusion and degradation

Glove material

Nitrile-impregnated cotton gloves

The selection of the suitable gloves not only depends on the material, but also on further quality factors and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material cannot be calculated in advance and has to be checked before use.

Penetration time of the glove material

The precise breakthrough time is to be inquired with the manufacturer of the protective gloves and to be observed.

**Eye protection:**

Tight sealing safety goggles.

**Personal protection:**

Wear closed, long-sleeved protective clothing and close-fitting shoes. Immediately remove soiled and soaked clothing. Use skin care products before and especially after work.

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**Section 9 Physical and chemical properties****9.1 Information on basic physical and chemical properties**

Appearance:	powder
Colour:	Grey
Odour:	odourless
Explosive Properties:	non-explosive
Self-ignition temperature:	The products are not flammable
Density:	not determined
Solubility in / miscibility with water:	insoluble
pH-value:	12 (at 20°C – suspension)

**9.2 Other information**

No further relevant information available.

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## Section 10 Stability and reactivity

### 10.1 Reactivity

No relevant information available.

### 10.2 Chemical stability

No decomposition if used according to specification.

### 10.3 Possibility of hazardous reactions

No hazardous reactions if used according to specification.

### 10.4 Conditions to avoid

Humid conditions may cause lump formation and loss of product quality.

### 10.5 Incompatible materials

No relevant information available.

### 10.6 Hazardous decomposition products

No available data on hazardous decomposition products.

## Section 11 Toxicological information

### 11.1 Information on toxicological effects

#### Acute toxicity:

Based on available data, the classification criteria are not met.

#### Primary irritant effect:

Skin: Irritation of the skin possible through extraction of fat.

Eye: Strong irritation with danger of severe eye injury.

#### Corrosivity:

Based on available data, the classification criteria are not met.

#### Sensitization:

No sensitizing effects known.

#### Repeat-dose toxicity tests:

Not tested.

#### Carcinogenicity:

Not tested.

#### Mutagenicity:

Not tested.

#### Reproductive toxicity:

Not tested.

#### Additional toxicological information:

No dangers above and beyond those on the product label are to be expected.

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## Section 12 Ecological information

### 12.1 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.

### 12.5 Results of PBT and vPvB assessment:

No further relevant information available.

### 12.6 Other adverse effects:

No further relevant information available.

## Section 13 Disposal considerations

### 13.1 Waste treatment methods

Recommendation:

Do not dispose with household waste. Do not dispose into sewage systems.

Waste code according to the directive on the European Waste Directory (Waste Directory Directive AVV):

17 00 00 construction and demolition waste  
17 01 00 concrete, bricks, tiles and ceramics  
17 01 01 concrete

#### Uncleaned packaging

Recommendation:

Contaminated packaging should be emptied as far as possible and may be taken for reuse after appropriate cleansing. Recommended cleansing agent: water.

#### Cleaned packaging

Recommendation:

Uncontaminated packaging can be recycled.

## Section 14 Transport information

### 14.1 UN number

ADR, ADN, IMDG, IATA

not relevant

### 14.2 UN proper shipping name

ADR, ADN, IMDG, IATA

not relevant

### 14.3 Transport hazard class(es)

ADR, ADN, IMDG, IATA class

not relevant

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<b>14.4 Packing group</b>	
ADR, IMDG, IATA	not relevant
<b>14.5 Environmental hazards</b>	
Marine pollutant	not relevant
<b>14.6 Special precautions for user</b>	not relevant

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## Section 15 Regulatory information

### 15.1 Safety, health and environmental regulations/ legislation specific for the substance or mixture - EU regulatory information:

Regulation (EC) No. 1005/2009 (Substances that deplete the ozone layer):  
Not applicable

Regulation (EC) No. 850/2004 (Persistent organic pollutants):  
Not applicable.

Regulation (EC) No. 648/2001 (OTC derivatives):  
Not applicable.

Restrictions in accordance with Title VIII of the Regulation (EC) 1907/2006:  
None.

#### National regulatory information:

Water hazard class:  
WGK 1, as per German Administrative Regulation Regarding Water Pollutants (VwVwS): slightly hazardous to water.

Technical Rules for Dangerous Materials (TRGS):  
Protective measures specified in TRGS 500 are to be followed.

GISCODE:  
ZP1 (products containing cement, low-chromate)

### 15.2 Chemical safety assessment

No chemical safety assessment has been carried out.

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## Section 16 Other information

All values and information supplied are based on our current knowledge. They do not constitute a legally binding assurance of specific product properties or justify a contractual legal relationship.

### Relevant identified uses (from Sections 2 and 3)

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



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Do not inhale dust.

P262

Do not get in eyes, on skin, or on clothing.

P305+P351+P338+P313

If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing. Get medical advice or attention.

**Methods of evaluating information referred to in accordance with Article 9 of the Regulation (EC) No. 1272/2008 used for the purpose of classification:**

Classification in accordance with Regulation (EC) No. 1272/2008, Annex VII (Transposition table)



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#### Abbreviations and acronyms:

ADR/RID	European Agreements on the Transport of Dangerous Goods by Road/Railway
BGR	Berufsgenossenschaftliche Regel für die Sicherheit und Gesundheit (Trade Association Health and Safety at Work Rules)
CAS	Chemical Abstracts Service
CLP	Classification, Labelling and Packaging (Regulation (EC) No. 1272/2008)
EC	Effective Concentration (median effective concentration)
IATA	International Air Transport Association
IMDG	International Agreement on the Maritime Transport of Dangerous Goods
REACH	Registration, Evaluation, Authorisation and Restriction of Chemicals (Regulation (EC) 1907/2006)
SDB	Safety Data Sheet
STOT	Specific Target Organ Toxicity (spezifische Zielorgantoxizität)
TRGS	Technische Regeln für Gefahrstoffe (Technical Rules for Hazardous Substances)
VCI	Verband der Chemischen Industrie e.V. (Association of the Chemical Industry)
vPvB	Very Persistent, very Bioaccumulative
VwVwS	Verwaltungsvorschrift wassergefährdende Stoffe (Administrative Regulation on the Classification of Substances Hazardous to Waters into Water Hazard Classes)