

# SISTEC– ST 011WS

Antibacterial Interior Wall paint, white matt

Product code	SIS ST 00 011WS	Revision date	2015-02-20
MSDS date	V3 – 2014-11-14	Issued by	DW/OS

## Section 1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

- 1.1 Product identifier** SISTEC ST 011WS, interior matt wall paint, antibacterial
- 1.2 Relevant identified uses of the substance or mixture and uses advised against**  
**Use of the substance:** Coating material  
**Recommend restrictions on use:** within adequate application - none
- 1.3 Details of the supplier of the safety data sheet** SISTEC Coatings GmbH  
Mausenstr. 6/1  
71640 Ludwigsburg, Germany  
tel: +49 (0)7141 990 5516 / fax: +49(0)7141 990 5522  
e-mail: info@sistec-coatings.de
- 1.4 Emergency telephone number** +49 (0)30 - 45 05 35 55

## Section 2. HAZARDS IDENTIFICATION

- 2.1 Classification of the substance or mixture**  
**(Classification (REGULATION (EC) No 1272/2008)** Not a hazardous substance or mixture.  
**Classification (67/548/EEC, 1999/45/EC)** Not a hazardous substance or mixture.
- 2.2 Label elements**  
**Labelling (REGULATION (EC) No 1272/2008)** Not a hazardous substance or mixture.  
**Additional Labelling:** **EUH210 Safety data sheet available on request.**  
EUH208 Contains: 1,2-benzisothiazol-3(2H)-one, 2-methyl-2H-isothiazol-3-one **May produce an allergic reaction.**  
**Labelling according to EC Directives: 1999/45/EC** Not a hazardous substance or mixture.  
**Special labelling of certain mixtures:** Safety data sheet available for professional user on request.
- 2.3 Other hazards** This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

Keep out of reach from children. Ensure good ventilation during use and drying. Do not eat, drink or smoke while using the product. In case of contact with eyes or skin, immediately and thoroughly rinse with water. Do not allow product to enter drains, waterways or soil. Clean utensils immediately after use with soap and water.

Do not breathe spray dust.

### Section 3. COMPOSITION/INFORMATION ON INGREDIENTS

#### 3.2 Mixtures Hazardous components

Chemical Name	CAS-No. EC-No. Registration number	Classification (67/548/EEC)	Classification (REGULATION (EC) No 1272/2008)	Concentration [%]
Kieselguhr, soda ash flux- calcined [MX]	68855-54-9/3 272-489-0	Xn; R48/20	STOT RE2; H373	>= 1 - < 10

**MX:** This substance is integrated into the matrix of our products and will therefore be ignored for classification and labeling of the product.

For explanation of abbreviations, see section 16.

### Section 4. FIRST AID MEASURES

#### 4.1 Description of first aid measures

General advice:	No hazards which require special first aid measures. Move out of dangerous area. First aider needs to protect himself.
If inhaled:	Move to fresh air.
In case of skin contact:	Wash skin thoroughly with soap and water or use recognized skin cleanser. Do NOT use solvents or thinners.
In case of eye contact:	Remove contact lenses. Irrigate copiously with clean, fresh water for at least 10 minutes, holding the eyelids apart. Seek medical advice.
If swallowed:	If swallowed, DO NOT induce vomiting. Clean mouth with water and drink afterwards plenty of water. Never give anything by mouth to an unconscious person. If symptoms persist, call a physician.

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

Symptoms: No information available.  
Risks: No information available.

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

Treatment: No information available.

**Section 5. FIREFIGHTING MEASURES**

**5.1 Extinguishing media**

Suitable extinguishing media: Not combustible. Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

Unsuitable extinguishing media: High volume water jet

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

Specific hazards during firefighting: Burning produces irritant fumes. Do not allow run-off from firefighting to enter drains or watercourses.

**5.3 Advice for firefighters**

Special protective equipment for firefighters: Use personal protective equipment. Wear self-contained breathing apparatus for firefighting if necessary.

Further information: The product itself does not burn. Standard procedure for chemical fires.

**Section 6. ACCIDENTAL RELEASE MEASURES**

**6.1 Personal precautions, protective equipment and emergency procedures**

Personal precautions: Avoid contact with skin and eyes. Material can create slippery conditions. Use protective shoes or boots with rough rubber sole. Refer to protective measures listed in sections 7 and 8. Treat recovered material as described in the section "Disposal considerations".

**6.2 Environmental precautions**

Do not flush into surface water or sanitary sewer system. If the product contaminates rivers and lakes or drains inform respective authorities. Prevent further leakage or spillage if safe to do so.

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

Methods for cleaning up: Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust). Keep in suitable, closed containers for disposal.

**6.4 Reference to other sections**

For further information, see Section 8 & 13 of the safety data sheet.

**Section 7. HANDLING AND STORAGE**

**7.1 Precautions for safe handling**

Advice on safe handling:	No special technical protective measures required. For personal protection, see section 8. Smoking, eating and drinking should be prohibited in the application area.
Hygiene measures:	Provide adequate ventilation. Avoid contact with the skin and the eyes. Wash hands before eating, drinking, or smoking. Wash hands before breaks and at the end of workday.

### 7.2 Conditions for safe storage, including any incompatibilities

Requirements for storage areas and containers:	Containers, which are opened, must be carefully resealed and kept upright to prevent leakage. To maintain product quality, do not store in heat or direct sunlight. Store at room temperature. Perishable if frozen.
Advice on common storage:	Keep away from oxidising agents and strongly acid or alkaline materials.
Storage class (TRGS 510):	12, Non Combustible Liquids

### 7.3 Specific end use(s)

Please follow the technical information of the manufacturer.

## Section 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

<b>8.1 Control parameters</b>	Contains no substances with occupational exposure limit values.
<b>8.2 Exposure controls:</b>	
<b>Personal protective equipment</b>	
Eye protection	Safety glasses German trade association rules - BGR 192 Eye protection
Hand protection	
Material:	Nitrile rubber
Break through time:	240 min
Glove thickness:	0,2 mm
Skin and body protection:	Protective suit
Respiratory protection:	No personal respiratory protective equipment normally required.
Protective measures:	No special protective equipment required.
<b>Environmental exposure controls</b>	
General advice:	Do not flush into surface water or sanitary sewer system. If the product contaminates rivers and lakes or drains inform respective authorities. Prevent further leakage or spillage if safe to do so.

## Section 9. PHYSICAL AND CHEMICAL PROPERTIES



**9.1. Information on basic physical and chemical properties**

Appearance	paste-like
Colour	pigmented
Odour	characteristic
Odour threshold	Not applicable
pH	7-8
Melting point/freezing point	Ca. 0 °C
Boiling point/ boiling range	Ca. 100 °C
Flash point	Not applicable
Evaporation rate	Not applicable
Flammability (solid, gas)	Not determined
Upper/lower explosion limit	Not applicable
Vapour pressure	Ca. 23 hPa
Relative vapour density	Not applicable
Relative density	Not applicable
Water solubility	completely miscible
Partition coefficient: n-octanol/water	Nor determined
Thermal decomposition	No data available
Flow time	Not determined
Explosive properties	Not applicable
Oxidizing properties	No data available

**9.2 Other information** No data available

## Section 10. STABILITY AND REACTIVITY

<b>10.1 Reactivity</b>	No decomposition if stored and applied as directed.
<b>10.2 Chemical stability</b>	No decomposition if stored and applied as directed.
<b>10.3 Possibility of hazardous reactions</b>	No decomposition if stored and applied as directed.
<b>10.4 Conditions to avoid</b>	Protect from frost. Extremes of temperature and direct sunlight.
<b>10.5 Incompatible materials</b>	
Materials to avoid	Incompatible with oxidizing agents. Incompatible with acids and bases.
<b>10.6 Hazardous decomposition products</b>	No decomposition if stored and applied as directed. In case of fire, hazardous decomposition products may be produced such as: Carbon monoxide, carbon dioxide and unburned hydrocarbons (smoke).

## Section 11. TOXICOLOGICAL INFORMATION

### 11.1 Information on toxicological effects:

#### Acute toxicity

Acute oral toxicity:

> 2.000 mg/kg

Acute inhalation toxicity:

Remarks: No data available

Acute dermal toxicity:

Remarks: No data available

#### Skin corrosion/irritation

Remarks: According to the classification criteria of the European Union, the product is not considered as being a skin irritant.

#### Serious eye damage/eye irritation

Remarks: According to the classification criteria of the European Union, the product is not considered as being an eye irritant.

#### Respiratory or skin sensitisation

Remarks: No data available

#### Germ cell mutagenicity

No data available

#### Carcinogenicity

No data available

#### Reproductive toxicity

No data available

#### STOT - single exposure

No data available

#### STOT - repeated exposure

No data available

#### Aspiration toxicity

No data available

#### Further information

Remarks: There is no data available for this product. Information given is based on data on the components and the toxicology of similar products.

## Section 12. ECOLOGICAL INFORMATION

### 12.1 Toxicity

Toxicity to fish:

Remarks: No data available

Toxicity to daphnia and other aquatic invertebrates:

Remarks: No data available

Further information:

The following percentage of the mixture consists of ingredient(s) with unknown hazards to the aquatic environment: 85,715 %

### 12.2 Persistence and degradability

Biodegradability:

Remarks: No data available

### 12.3 Bioaccumulative potential

Bioaccumulation:

Remarks: No data available

Partition coefficient: n-octanol/water:

Remarks: not determined

### 12.4 Mobility in soil

Remarks: No data available

### 12.5 Results of PBT and vPvB assessment

Assessment:

This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) levels of 0.1% or higher.

### 12.6 Other adverse effects

Additional ecological information:

There is no data available for this product.

## Section 13. DISPOSAL CONSIDERATION

### 13.1 Waste treatment methods

Product:

Materials and all related packaging must be disposed of in a safe way in accordance with the full requirements of the local authorities.

In Germany: Dispose containers with residues of liquid product via waste collection point accepting old paints and enamels. Dispose dried/hardened product residues as construction site/demolition/municipal or domestic waste.

Contaminated packaging:

Only completely emptied containers should be given for recycling.

## Section 14. TRANSPORT INFORMATION

14.1 UN number

Not regulated as a dangerous good

14.2 UN proper shipping name

Not regulated as a dangerous good

14.3 Transport hazard class

Not regulated as a dangerous good

14.4	Packing group	Not regulated as a dangerous good
14.5	Environmental hazards	Not regulated as a dangerous good
14.6	Special precautions for user	see sections 6-8
14.7	Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code	Not applicable

### Section 15. REGULATORY INFORMATION

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

Water contaminating class (Germany):	1 slightly water endangering Remarks: VVWS A4
Product code for lacquers and paints / Gis-code:	M-DF01 Product code for lacquers and paints: M-DF01 (Germany)
Volatile organic compounds:	Directive 2004/42/EC < 0.1 % < 1 g/l

**15.2 Chemical Safety Assessment** A Chemical Safety Assessment is not required for this substance.

### Section 16. OTHER INFORMATION

#### Full text of R-Phrases

R48/20 Harmful: danger of serious damage to health by prolonged exposure through inhalation.

#### Full text of H-Statements

H373 May cause damage to organs through prolonged or repeated exposure if inhaled.

#### Full text of other abbreviations

STOT RE Specific target organ toxicity - repeated exposure

#### Further information

Other information **No exposure scenario communication is required for this product according to REACH Regulation No. 1907/2006 EC.**

This product is a mixture and does not contain Substances of Very High Concern (SVHC) equal or above 0.1%. Therefore, no advised uses have to be defined and no chemical safety assessment has to be generated.

Communication of Uses is not required in accordance with REACH Article 31(1)(a) - registered substances / mixtures do not meet the



criteria for classification as hazardous in accordance with Regulations 1272/2008 EC or 1999/45/EC.

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

#### **REACH and GHS/CLP Information**

According to our legal obligations, we will implement the Regulation (EC) No 1907/2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) and GHS respectively the Regulation (EC) No 1272/2008. REGULATION (EC) No 1272/2008 on classification, labelling and packaging of substances and mixtures (CLP). We will adjust and update our safety data sheets on a regular base in accordance with the information of our upstream-suppliers. As usual, we will inform you about the adjustments.

Regarding to the REACH regulation we would like to point out that SISTEC Coatings as a downstream user will not register on behalf of our company. We will rely on information from our suppliers. As soon as new information is available, our safety data sheets will be amended accordingly. This will be put into practice depending on the register-deadline of the substances involved during the transition period from December 1, 2010 until May 31, 2018.

The amendment of safety data sheets of mixtures or preparations in accordance with GHS /CLP regulation will be carried out during a transitional period until June 1, 2015. We will conduct the adjustment of our safety data sheets during the period of the transitional period as soon as new information is available from our suppliers.