



# SAFETY DATA SHEET

In accordance with Regulation (EC) No. 1907/2006



Ref. MA10000663/D

Rev. no. 1.4

## StoArmat Classic

Revised on 21.07.2015

Printing date 02.08.2015

### SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

#### 1.1 Product identifier

Trade name StoArmat Classic

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

Reinforcing material

Recommended restrictions on use

This information is not available.

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

Sto SE & Co. KGaA  
Ehrenbachstr. 1  
D - 79780 Stühlingen  
Telephone: +49 7744 57-0  
Telefax: +49 7744 57 -2178  
infoservice@sto.com

E-mail address of person responsible for the SDS European Union

Sto SE & Co. KGaA  
TIQ Quality Management Department  
e.volz@sto.com

#### 1.4 Emergency telephone number European Union

Phone: +44 (0)1235 239 670

### SECTION 2: HAZARDS IDENTIFICATION

#### 2.1 Classification of the substance or mixture

##### Assessment ( REGULATION (EC) No 1272/2008)

Not a hazardous substance or mixture.

##### Assessment (67/548/EEC, 1999/45/EC 1999/45/EC:

Not a hazardous substance or mixture.

#### 2.2 Label elements

Not a hazardous substance or mixture.

Additional Labelling:

Contains

mixture of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7] and 2-methyl-2H-isothiazol-3-one [EC no. 220-239-6] (3:1)

As active agents for storage protection in accordance with Biocidal Product Regulation (528/2012), Article 58(3)



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Contains Safety data sheet available on request.  
mixture of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7]  
and 2-methyl-2H-isothiazol-3-one [EC no. 220-239-6] (3:1)  
  
May produce an allergic reaction.

### 2.3 Other hazards

Results of PBT and vPvB assessment  
Not applicable

## SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

### 3.2 Mixtures

Chemical nature Water dilutable levelling coat

### Hazardous components

Remarks : No hazardous ingredients

## SECTION 4: FIRST AID MEASURES

### 4.1 Description of first aid measures

General advice In the case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).  
Never give anything by mouth to an unconscious person.  
If unconscious place in recovery position and seek medical advice.

Inhalation Remove to fresh air.  
Keep patient warm and at rest.  
If breathing is irregular or stopped, administer artificial respiration.  
If symptoms persist, call a physician.

Skin contact Take off all contaminated clothing immediately.  
Wash skin thoroughly with soap and water or use recognized skin cleanser.  
Do NOT use solvents or thinners.  
If skin irritation persists, call a physician.

Eye contact In case of eye contact, remove contact lens and rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes.  
Consult a physician.

Ingestion Clean mouth with water and drink afterwards plenty of water.  
Do NOT induce vomiting.  
Obtain medical attention.  
Keep at rest.

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



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Symptoms No information available.

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

Treatment Treat symptomatically.  
No information available.

## SECTION 5: FIREFIGHTING MEASURES

### 5.1 Extinguishing media

Suitable extinguishing media Alcohol-resistant foam  
Carbon dioxide (CO<sub>2</sub>)  
Dry chemical  
Water spray

Unsuitable extinguishing media High volume water jet

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

In set state, the product itself is classified as non-combustible in accordance with EN 13501-1.

Fire may cause evolution of:  
Carbon monoxide  
Carbon dioxide (CO<sub>2</sub>)  
Nitrogen oxides (NO<sub>x</sub>)

### 5.3 Advice for firefighters

Wear self-contained breathing apparatus for firefighting if necessary.

Additional advice

Use water spray to cool unopened containers.  
Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations.

## SECTION 6: ACCIDENTAL RELEASE MEASURES

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

Ensure adequate ventilation.  
Do not breathe vapour.

### 6.2 Environmental precautions

The product should not be allowed to enter drains, water courses or the soil.  
If the product contaminates rivers and lakes or drains inform respective authorities.

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

Contain spillage, and then collect with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and place in container for disposal according to local / national regulations (see section 13).  
Clean with detergents. Avoid solvents.  
Dispose of contaminated material as waste according to item 13.  
Clean contaminated surface thoroughly.

### 6.4 Reference to other sections

Refer to protective measures listed in sections 7 and 8.



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### SECTION 7: HANDLING AND STORAGE

#### 7.1 Precautions for safe handling

Advice on safe handling	Avoid contact with skin and eyes. Prevent unauthorized access. Provide sufficient air exchange and/or exhaust in work rooms. Comply with the statutory regulations on health and safety at work.
Hygiene measures	Wash hands before breaks and at the end of workday. When using do not eat, drink or smoke. Remove and wash contaminated clothing and gloves, including the inside, before re-use.

#### 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. Store in original container. Observe label precautions. Protect from frost, heat and sunlight.
Advice on common storage	Keep away from oxidising agents and strongly acid or alkaline materials.

**7.3 Specific end use(s)** For further information, see also Technical Data Sheet for the product.

### SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

#### 8.1 Control parameters

##### Exposure limit(s)

Components		CAS-No.
Basis	Type:	Control parameters

Contains no substances with occupational exposure limit values.

#### 8.2 Exposure controls

##### Appropriate engineering controls

Ensure good ventilation; if possible, use / install internal extractor equipment.

##### Individual protection measures, such as personal protective equipment

a) Eye/face protection                      Wear protective goggles for protection against splashed liquid.



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### b) Skin protection Hand protection

Recommended preventive skin protection  
Before starting work, apply water-resistant skincare preparations to exposed skin areas.  
Protective gloves should be worn in case of skin contact during preparation and application.

Break through time: 480 min  
Minimum thickness: 0,11 mm  
Gloves made of nitrile rubber, e.g. KCL 740 Dermatril® (Kächele-Cama-Latex GmbH, Hotline: 0049(0)6659-87-300, kcl-uk@kcl.de), or equivalent.  
Cotton undergloves are recommendable when wearing protective gloves!  
Skin that comes into contact with the product should be treated with protective cream. After such contact, the product concerned should under no circumstances be used.

The selected protective gloves have to satisfy the specifications of EU Directive 89/686/EEC and the standard EN 374 derived from it.  
The choice of an appropriate glove does not only depend on its material but also on other quality features and is different from one producer to the other.

### Body Protection

Work clothes  
Skin should be washed after contact.  
Do NOT use solvents or thinners.

### c) Respiratory protection

No personal respiratory protective equipment normally required.  
In case of insufficient ventilation, wear suitable respiratory equipment.  
Employees involved in spraying work or in the immediate vicinity of such work should use a P2 particle filter against spray fog.

### Environmental exposure controls

#### General advice

The product should not be allowed to enter drains, water courses or the soil.  
If the product contaminates rivers and lakes or drains inform respective authorities.

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

### 9.1 Information on basic physical and chemical properties

Appearance	paste
Colour	white
Odour	Weak, characteristic
Odour Threshold	No data available
pH	ca. 8,0, 20 °C
Melting point/freezing point	Not applicable
Initial boiling point and boiling	not applicable



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range	
Flash point	not applicable
Evaporation rate	not applicable
Flammability (solid, gas)	The product is not flammable.
Lower explosion limit	No data available
Upper explosion limit	No data available
Vapour density	No data available
Density	ca. 1,5 g/cm <sup>3</sup> , 20 °C
Solubility(ies)(Water)	completely miscible
Partition coefficient: n-octanol/water	not determined
Auto-ignition temperature	not auto-flammable
Ignition temperature	No data available
Decomposition temperature	No data available
Viscosity, dynamic	ca. 25.500 mPa.s, 20 °C
Explosive properties	Not explosive
Oxidizing properties	Not applicable

### 9.2 Other information

Flow time	No data available
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## SECTION 10: STABILITY AND REACTIVITY

### 10.1 Reactivity

No dangerous reaction known under conditions of normal use.

### 10.2 Chemical stability

Stable under normal conditions.

### 10.3 Possibility of hazardous reactions

Hazardous reactions	This information is not available.
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### 10.4 Conditions to avoid

Conditions to avoid	Stable under recommended storage and handling conditions (see section 7).
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### 10.5 Incompatible materials

Materials to avoid	Strong acids and strong bases Strong oxidizing agents
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### 10.6 Hazardous decomposition products

Hazardous decomposition products	No decomposition if stored and applied as directed.
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Decomposition temperature      No data available

### SECTION 11: TOXICOLOGICAL INFORMATION

#### 11.1 Information on toxicological effects

##### Product

Acute oral toxicity	Based on available data, the classification criteria are not met.
Acute inhalation toxicity	Based on available data, the classification criteria are not met.
Acute dermal toxicity	Based on available data, the classification criteria are not met.
Skin corrosion/irritation	Based on available data, the classification criteria are not met.
Serious eye damage/eye irritation	Based on available data, the classification criteria are not met.
Respiratory or skin sensitisation	Based on available data, the classification criteria are not met.
Germ cell mutagenicity	
Genotoxicity in vitro	Based on available data, the classification criteria are not met.
Carcinogenicity	Based on available data, the classification criteria are not met.
Reproductive toxicity Effects on fertility	Based on available data, the classification criteria are not met.
Developmental Toxicity	Based on available data, the classification criteria are not met.
STOT - single exposure	Based on available data, the classification criteria are not met.
STOT - repeated exposure	Based on available data, the classification criteria are not met.
Aspiration hazard	Based on available data, the classification criteria are not met.
Further information	The product itself has not been tested. The mixture is classified in accordance with Annex I to EC Directive 1272/2008. (See sections 2



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and 3 for details).

### SECTION 12: ECOLOGICAL INFORMATION

#### 12.1 Toxicity

**Product:**

Toxicity to fish                      No data available

#### 12.2 Persistence and degradability

**Product:**

Biodegradability                      No data available

#### 12.3 Bioaccumulative potential

**Product:**

Bioaccumulation                      No data available

#### 12.4 Mobility in soil

**Product:**

Mobility                      No data available

#### 12.5 Results of PBT and vPvB assessment

**Product:**

Assessment                      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.

#### 12.6 Other adverse effects

**Product:**

Additional ecological information                      Do not allow product to enter into ground water, bodies of water or sewage systems.

### SECTION 13: DISPOSAL CONSIDERATIONS

#### 13.1 Waste treatment methods





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Product	The user is responsible for proper coding and marking of any waste. When used as recommended, the waste code can be selected according to the code of the European Waste Catalogue (EWC), category 17.09 "Other Construction and Demolition Waste" Allow plaster residues to dry, or thicken with cementitious binders.  Unhardened product residues should be disposed of under the recommended waste code number.
Contaminated packaging	Empty packaging should be recycled through disposal systems.
Waste key for the unused product	08 01 12: Waste paint and varnish other than those covered by 08 01 11

### 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(es)

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

Remarks This information is not available.

#### 14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Remarks Not applicable

### SECTION 15: REGULATORY INFORMATION

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

Directive 2010/75/EU 0,4 %  
6 g/l

Directive 2004/42/EC



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Other regulations

does not fall under Directive 2004/42/EC  
Comply with the statutory regulations on health and safety at work.

### 15.2 Material safety assessment

This information is not available.

## SECTION 16: OTHER INFORMATION

Full text of H-Statements referred to under sections 2 and 3.

Department issuing MSDS

Department TIQS Sto SE & Co. KGaA Stühlingen, Germany  
e.volz@sto.com

### Further information

It is possible in the interim period that you may find different markings on packaging compared to the Material Safety Data Sheet until stocks have been used up. We ask for your understanding in this matter.

**Changes from the previous version are indicated by markings in the left-hand margin. The details given in this safety data sheet correspond to our present state of knowledge and conform to both national and EU legislation. The working conditions of the user are, however, beyond our knowledge and control. The user is responsible for complying with all necessary legal requirements. The details given in this safety data sheet describe the safety requirements of our product and do not constitute any assurance of product properties.**



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