

# Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH)



**Trade name :** ERFURT-KlimaTec system adhesive  
(ERFURT-KlimaTec Systemkleber)  
**Revision date :** 21.08.2023  
**Print date :** 21.08.2023  
**Version (Revision) :** 4.1.0 (4.0.0)  
**Article number :** 1001202

## SECTION 1: Identification of the substance/mixture and of the company/ undertaking

### 1.1 Product identifier

ERFURT-KlimaTec system adhesive  
(ERFURT-KlimaTec Systemkleber) (1001202)

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

#### Relevant identified uses

##### Sectors of use [SU]

SU22 - Professional uses: Public domain (administration, education, entertainment, services, craftsmen)  
SU21 - Consumer uses: Private households (= general public = consumers)

##### Products Category [PC]

PC 1 - Adhesives, sealants

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

#### Supplier

Erfurt & Sohn KG

**Street :** Hugo-Erfurt-Strasse 1

**Postal code/City :** 42399 Wuppertal

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**Information contact :** [s.schmieder@erfurt.com](mailto:s.schmieder@erfurt.com)

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### 1.4 Emergency telephone number

+49 202 6110-242  
Only available during office hours.

## SECTION 2: Hazards identification

### 2.1 Classification of the substance or mixture

**Classification according to Regulation (EC) No 1272/2008 [CLP]**

None

### 2.2 Label elements

**Labelling according to Regulation (EC) No. 1272/2008 [CLP]**

#### Special rules for supplemental label elements for certain mixtures

EUH208 Contains MIXTURE OF: 5-CHLORO-2-METHYL-2H-ISOTHIAZOL-3-ONE AND 2-METHYL-2H-ISOTHIAZOL-3-ONE (3:1). May produce an allergic reaction.

### 2.3 Other hazards

This mixture does not knowingly contain SVHC substances >0.1% (<https://echa.europa.eu/de/candidate-list-table>).

#### Adverse human health effects and symptoms

This product does not contain a substance that has endocrine disrupting properties with respect to non-target organisms as no components meets the criteria.

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### Adverse environmental effects

This product does not contain a substance that has endocrine disrupting properties with respect to non-target organisms as no components meets the criteria.

The substances in the mixture do not meet the PBT/vPvB criteria according to REACH, annex XIII.

## SECTION 3: Composition/information on ingredients

### 3.2 Mixtures

#### Description

Consists of: Plastic-dispersion, calcium carbonate, cellulose ether, water and additives

#### Hazardous ingredients

MIXTURE OF: 5-CHLORO-2-METHYL-2H-ISOTHIAZOL-3-ONE AND 2-METHYL-2H-ISOTHIAZOL-3-ONE (3:1) ;  
REACH No. : 01-2120764691-48 ; CAS No. : 55965-84-9

Weight fraction :  $\geq 0,001$  -  $< 0,0015$  %  
Classification 1272/2008 [CLP] : Acute Tox. 2 ; H310 Acute Tox. 2 ; H330 Acute Tox. 3 ; H301 Skin Corr. 1C ; H314 Eye Dam. 1 ; H318 Skin Sens. 1 ; H317 Aquatic Acute 1 ; H400 Aquatic Chronic 1 ; H410  
Specific Conc. Limits : Eye Dam. 1 ; H318: C  $\geq 0,6$  % • Skin Corr. 1C ; H314: C  $\geq 0,6$  % • Eye Irrit. 2 ; H319: C  $\geq 0,06$  % • Skin Irrit. 2 ; H315: C  $\geq 0,06$  % • Skin Sens. 1A ; H317: C  $\geq 0,0015$  % • (M=100)

#### Additional information

For full text of Hazard- and EU Hazard-statements: see SECTION 16.

## SECTION 4: First aid measures

### 4.1 Description of first aid measures

#### General information

Follow the instructions for use on the label. When in doubt or if symptoms are observed, get medical advice. Change contaminated, saturated clothing.

#### Following inhalation

In case of respiratory tract irritation, consult a physician.

#### In case of skin contact

After contact with skin, wash immediately with plenty of water and soap.

#### After eye contact

After contact with the eyes, rinse with water with the eyelids open for a sufficient length of time, then consult an ophthalmologist immediately.

#### Following ingestion

Rinse mouth immediately and drink plenty of water. When in doubt or if symptoms are observed, get medical advice.

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

No information available.

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

None

## SECTION 5: Firefighting measures

### 5.1 Extinguishing media

#### Suitable extinguishing media

The product itself does not burn. Co-ordinate fire-fighting measures to the fire surroundings.

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## 5.2 Special hazards arising from the substance or mixture

### Hazardous combustion products

No information available.

## 5.3 Advice for firefighters

### Special protective equipment for firefighters

Do not inhale explosion and combustion gases. Use suitable breathing apparatus.

## SECTION 6: Accidental release measures

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

No special measures are necessary.

### 6.2 Environmental precautions

Do not allow to enter into surface water or drains.

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

#### For containment

Soak up inert absorbent and dispose as waste requiring special attention. Do not dry up the product.

### 6.4 Reference to other sections

Safe handling: see section 7

Personal protection equipment: see section 8

Disposal: see section 13

## SECTION 7: Handling and storage

### 7.1 Precautions for safe handling

#### Protective measures

Avoid contact with skin and eyes. Keep away from food, drink and animal feeding stuffs.

#### Measures to prevent fire

No special measures are necessary.

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

#### Requirements for storage rooms and vessels

Keep/Store only in original container. Keep container tightly closed.

#### Hints on joint storage

No special measures are necessary.

#### Further information on storage conditions

Do not store outside. Always keep in containers of same material as the original one. See also instructions on the label. Avoid heating and direct sunlight. Please note safety instructions and directions for use on the drum.

**Do not store at temperatures below :** Avoid cooling to under 0°C.

### 7.3 Specific end use(s)

#### Recommendation

Observe technical data sheet.

## SECTION 8: Exposure controls/personal protection

### 8.1 Control parameters

#### Occupational exposure limit values

No information available.

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## 8.2 Exposure controls

### Personal protection equipment

#### Eye/face protection

##### Suitable eye protection

Eye protection: not required.

#### Skin protection

##### Hand protection

Hand protection is not required.

##### Body protection

Wearing of closed working clothes. Remove contaminated, saturated clothing.

#### Respiratory protection

##### Suitable respiratory protection apparatus

Usually no personal respirative protection necessary.

### General information

The usual precautionary measures for the handling of chemicals have to be observed. Wash hands before breaks and after work. When using do not eat, drink, smoke, sniff.

### Environmental exposure controls

See also section 6 and 12.

## SECTION 9: Physical and chemical properties

### 9.1 Information on basic physical and chemical properties

#### Appearance

Physical state : Pasty.

Colour : white

#### Odour

characteristic

#### Safety characteristics

Melting point/freezing point : ( 1013 hPa ) approx. 0 °C

Initial boiling point and boiling range : ( 1013 hPa ) approx. 100 °C

Flash point : not applicable Brookfield

Auto-ignition temperature : none

Density : ( 20 °C ) approx. 1,08 g/cm<sup>3</sup>

Solvent separation test : ( 20 °C ) none

Water solubility : ( 20 °C ) practically insoluble

pH value : ( 20 °C / 91 g/l ) 9,5 - 10,5

Flow time : ( 23 °C ) none ISO cup 6 mm

Viscosity : ( 20 °C ) high viscous

Solid content : approx. 27 Weight-%

VOC-value : < 1 g/l

### 9.2 Other information

None

## SECTION 10: Stability and reactivity

### 10.1 Reactivity

No information available.

### 10.2 Chemical stability

Stable under recommended storage and handling conditions (see section 7).

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## 10.3 Possibility of hazardous reactions

No information available.

## 10.4 Conditions to avoid

No information available.

## 10.5 Incompatible materials

None, if handled according to order.

## 10.6 Hazardous decomposition products

None, if handled according to order.

## SECTION 11: Toxicological information

### 11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008

#### Acute toxicity

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

##### Acute oral toxicity

Parameter : ATE ( MIXTURE OF: 5-CHLORO-2-METHYL-2H-ISOTHIAZOL-3-ONE AND 2-METHYL-2H-ISOTHIAZOL-3-ONE (3:1) ; CAS No. : 55965-84-9 )

Exposure route : Oral

Effective dose : 100 mg/kg

##### Acute dermal toxicity

Parameter : ATE ( MIXTURE OF: 5-CHLORO-2-METHYL-2H-ISOTHIAZOL-3-ONE AND 2-METHYL-2H-ISOTHIAZOL-3-ONE (3:1) ; CAS No. : 55965-84-9 )

Exposure route : Dermal

Effective dose : 300 mg/kg

##### Acute inhalation toxicity

Parameter : ATE ( MIXTURE OF: 5-CHLORO-2-METHYL-2H-ISOTHIAZOL-3-ONE AND 2-METHYL-2H-ISOTHIAZOL-3-ONE (3:1) ; CAS No. : 55965-84-9 )

Exposure route : Inhalation (vapour)

Effective dose : 3 mg/l

#### Corrosion

No information available.

#### Respiratory or skin sensitisation

This product contains as a protective agent against microbial deterioration (e.g. mold) during storage in the container in small amounts preservatives (Isothiazolinones). This can cause allergies, see also chapter 2.

#### Repeated dose toxicity (subacute, subchronic, chronic)

No data available

#### CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction)

##### Carcinogenicity

No information available.

##### Germ cell mutagenicity

No information available.

##### Reproductive toxicity

No information available.

#### STOT-single exposure

No information available.

#### STOT-repeated exposure

No information available.

#### Aspiration hazard

No information available.

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### 11.2 Information on other hazards

#### Endocrine disrupting properties

For possible endocrine disrupting effects in humans and possible symptoms, please refer to SECTION 2.3 of this safety data sheet.

#### Additional information

This product is unlikely to harm health, given normal and proper handling and hygienic precautions. non-irritant.

## SECTION 12: Ecological information

### 12.1 Toxicity

No information available.

#### Aquatic toxicity

No information available.

#### Sewage treatment plant

Technically correct releases of minimal concentrations to adapted biological sewage plants, will not disturb the biodegradability of activated sludge.

### 12.2 Persistence and degradability

No information available.

### 12.3 Bioaccumulative potential

No information available.

### 12.4 Mobility in soil

No information available.

### 12.5 Results of PBT and vPvB assessment

No information available.

The substances in the mixture do not meet the PBT/vPvB criteria according to REACH, annex XIII.

### 12.6 Endocrine disrupting properties

This product does not contain a substance that has endocrine disrupting properties with respect to non-target organisms as no components meets the criteria.

### 12.7 Other adverse effects

No information available.

### 12.8 Additional ecotoxicological information

#### Additional information

Do not allow to enter into surface water or drains.

## SECTION 13: Disposal considerations

### 13.1 Waste treatment methods

#### Directive 2008/98/EC (Waste Framework Directive)

Dispose according to legislation. Or deposit together with household garbage after hardening. Handle contaminated packages in the same way as the substance itself.

#### After intended use

##### Waste codes/waste designations according to EWC/AVV

##### Waste code product :

08 04 10

or

17 09 04

##### Waste name product :

waste adhesives and sealants other than those mentioned in 08 04 09

or

mixed construction and demolition wastes other than those mentioned in 17 09 01, 17 09 02 and 17 09 03

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**Waste code packaging :**

15 01 02

**Waste name packaging :**

plastic packaging

## SECTION 14: Transport information

### 14.1 UN number or ID number

No dangerous good in sense of these transport regulations.

### 14.2 UN proper shipping name

No dangerous good in sense of these transport regulations.

### 14.3 Transport hazard class(es)

No dangerous good in sense of these transport regulations.

### 14.4 Packing group

No dangerous good in sense of these transport regulations.

### 14.5 Environmental hazards

No dangerous good in sense of these transport regulations.

### 14.6 Special precautions for user

None

### 14.7 Maritime transport in bulk according to IMO instruments

not applicable

## SECTION 15: Regulatory information

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

**EU legislation**

**Other regulations (EU)**

**Directive 2004/42/EC on the limitation of emissions of volatile organic compounds**

- out of scope

**Labelling for contents according to regulation (EC) No. 648/2004**

- this product is not subject to EC Detergent regulation no. 648/2004.

### 15.2 Chemical Safety Assessment

Chemical safety assessments for substances in this mixture were not carried out.

### 15.3 Additional information

None

## SECTION 16: Other information

### 16.1 Indication of changes

01. Details of the supplier of the safety data sheet

### 16.2 Abbreviations and acronyms

REACH Registration, evaluation, authorisation of chemicals

CLP Classification, labelling and packaging

CAS Chemical Abstracts Service

EINECS European Inventory of Existing Chemical Substances

ELINCS European List of Notified Chemical Substances.

ATE Acute toxicity estimates

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LD50	Lethal dose, 50 percent
LC50	Lethal concentration, 50 percent
ECxx	Effect concentration, xx percent
NOEC	No Observed Effect Concentration
PBT	Persistent, bioaccumulating and toxic
vPvB	very persistent and very bioaccumulative
STOT	Specific target organ toxicity
ADR	European agreement concerning the international carriage of dangerous goods by road
IMDG	International maritime dangerous goods code
IATA	International air transport association
IMO	International maritime organisation declaration

### 16.3 Key literature references and sources for data

None

### 16.4 Classification for mixtures and used evaluation method according to regulation (EC) No 1272/2008 [CLP]

See SECTION 2.1 (classification).

### 16.5 Relevant H- and EUH-phrases (Number and full text)

H301	Toxic if swallowed.
H310	Fatal in contact with skin.
H314	Causes severe skin burns and eye damage.
H317	May cause an allergic skin reaction.
H318	Causes serious eye damage.
H330	Fatal if inhaled.
H400	Very toxic to aquatic life.
H410	Very toxic to aquatic life with long lasting effects.

### 16.6 Training advice

None

### 16.7 Additional information

None

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The above information describes exclusively the safety requirements of the product and is based on our present-day knowledge. The information is intended to give you advice about the safe handling of the product named in this safety data sheet, for storage, processing, transport and disposal. The information cannot be transferred to other products. In the case of mixing the product with other products or in the case of processing, the information on this safety data sheet is not necessarily valid for the new made-up material.

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