

Safety data sheet

according to 1907/2006/EC, Article 31

SIGA-Primur tubular bag/cartridge

Version 2
Replace version from: 12/09/09
Revision date: 10/25/17

1. IDENTIFICATION OF THE SUBSTANCE/MICTURE AND OF TEH COMPANY/UNDERTAKING*

1.1 Product identifier

Trade name: SIGA-Primur tubular bag/cartridge

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

No further relevant information available.

Application of the substance / the mixture: adhesive

1.3 Details of the supplier of the safety data sheet

Manufacturer/Supplier

SIGA Cover AG

Rütmattstr. 7

CH-6017 Ruswil

Tel. + 41 (0) 41 499 69 69

www.siga.swiss

Further information obtainable from: technik@siga.swiss

1.4 Emergency telephone number: + 41 (0)41 499 69 69 during opening hours.

2. HAZARDS IDENTIFICATION*

2.1 Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008. The product is not classified according to the CLP regulation.

2.2 Label elements

Labelling according to Regulation (EC) No 1272/2008: Void

Hazard pictograms: Void

Signal word: Void

Hazard statements: Void

2.3 Other hazards

Results of PBT and vPvB assessment

PBT: Not applicable.

vPvB: Not applicable.

3. COMPOSITION/INFORMATION ON INGREDIENTS*

3.2 Chemical characterisation: Mixtures

Description: modified poly (acrylic derivative) soln. in water with mineral fillers

Dangerous components

| | | |
|---|---|------------|
| CAS: 25322-68-3 NLP: 500-038-2 | Poly(oxy-1,2-ethanediyl), α -hydro- ω -hydroxy- Ethane-1,2-diol, ethoxylated substance with a Community workplace exposure limit | 1,0 – 2,5% |
| CAS: 55965-84-9 Indexnummer: 613-167-00-5 | Reaction mass of: 5-Chlor-2-methyl-2H-isothiazol-3-on [EG nr. 247-500-7] und 2-Methyl-2H-isothiazol-3-on [EG nr. 220-239-6] (3:1) <i>Acute Tox. 3, H301; Acute Tox. 3, H311; Acute Tox. 3, H331; Skin Corr. 1B, H314; Aquatic Acute 1, H400; Aquatic Chronic 1, H410; Skin Sens. 1, H317</i> | < 0,0015% |

Additional information: For the wording of the listed hazard phrases refer to section 16.

4. FIRST AID MEASURES*

4.1 Description of first aid measures

General information: No special measures required.

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After skin contact

Immediately wash with water and soap and rinse thoroughly. Generally the product does not irritate the skin.

After eye contact

Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor. Remove contact lenses.

After swallowing

If symptoms persist consult doctor.

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.

5. FIREFIGHTING MEASURES*

5.1 Extinguishing media

Suitable extinguishing agents

CO₂, powder or water spray. Fight larger fires with water spray or alcohol resistant foam. Use fire extinguishing methods suitable to surrounding conditions.

5.2 Special hazards arising from the substance or mixture

Formation of toxic gases is possible during heating or in case of fire. Hazardous decomposition products can be generated at high temperatures.

5.3 Advice for firefighters

Protective equipment:

In case of fire, wear self-contained respiratory protective device.

Additional information

Dispose of fire debris and contaminated firefighting water in accordance with official regulations.

6. ACCIDENTAL RELEASE MEASURES*

6.1 Personal precautions, protective equipment and emergency procedures: Not required.

6.2 Environmental precautions: Do not allow product to reach sewage system or any water course.

6.3 Methods and material for containment and cleaning up

Absorb liquid components with liquid-binding material. Send for recovery or disposal in suitable receptacles.

Pick up mechanically.

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.

7. HANDLING AND STORAGE*

7.1 Precautions for safe handling: Avoid contact with eyes and skin.

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: No special requirements.

Information about storage in one common storage facility: Not required.

Further information about storage conditions: Protect from frost.

Storage class: 10/12 (TRGS510) Liquids.

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7.3 Specific end use(s)

No further relevant information available.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION*

Additional information about design of technical facilities: Use appropriate local exhaust ventilation.

8.1 Control parameters

Ingredients with limit values require monitoring at the workplace

| | | |
|-----------------|--|--|
| CAS: 25322-68-3 | Poly(oxy-1,2-ethanediyl), α -hydro- ω -hydroxy- Ethane-1,2-diol, ethoxylated | |
| | DFG (Germany) | Short-term value: 8000 mg/m ³ Long-term value: 1000 mg/m ³ Inhalierbares Aerosol |
| | MAK (Switzerland) | Long-term value: 1000 mg/m ³ SSc |
| CAS: 55965-84-9 | reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7] and 2-methyl-2H-isothiazol-3-one [ECno. 220-239-6] (3:1) | |
| | MAK (Germany) | Long-term value: 0.2E mg/m ³ See par. Xc |
| | MAK (EU) | Long-term value: 200 mg/m ³ , 300 ppm |

Additional information:

The lists valid during the making were used as basis.

8.2 Exposure controls

For durable compliance with Occupational Exposure Limits (OEL, MAK) no special measures are required. Exposure measurements in the workplace are generally recommended.

Personal protective equipment

General protective and hygienic measures:

Wash hands before breaks and at the end of work. Do not eat or drink while working. The usual precautionary measures are to be adhered to when handling chemicals.

Respiratory protection: Not required.

Protection of hands: Not required.

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation. Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture. Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation

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 cannot be calculated in advance and has therefore to be checked prior to the application.

Penetration time of glove material

The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

Eye protection: Safety glasses

Body protection: Protective work clothing.

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9. PHYSICAL AND CHEMICAL PROPERTIES*

9.1 Information on basic physical and chemical properties

General Information

Appearance

| | |
|------------------|-----------------|
| Form: | Fluid |
| Colour: | Blue |
| Odour: | Characteristic |
| Odour threshold: | Not determined. |
| pH-value: | Not determined. |

Change in condition

| | |
|--|---|
| Melting point/freezing point: | Undetermined. |
| Initial boiling point and boiling range: | Undetermined. |
| Flash point: | Not applicable. |
| Flammability (solid, gas): | Not determined. |
| Ignition temperature | |
| Decomposition temperature: | Not determined. |
| Auto-ignition temperature: | Product is not selfigniting. |
| Explosive properties: | Product does not present an explosion hazard. |
| Explosion limits | |
| Lower: | Not determined. |
| Upper: | Not determined. |
| Vapour pressure: | Not determined. |
| Density at 20°C: | 1,04 g/cm ³ |
| Relative density: | Not determined. |
| Vapour density: | Not determined. |
| Evaporation rate: | Not determined. |

Solubility in/Miscibility with

| | |
|--|------------------------------------|
| water: | Insoluble. |
| Partition coefficient: n-Octanol/Wasser: | Not determined. |
| Viscosity | |
| Dynamic: | Not determined. Not applicable. |
| Kinematic: | Not determined. Not applicable. |

Solvent content

| | |
|-------------------|--------|
| Organic solvents: | 0,0 % |
| VOC (EU): | 0,00 % |

9.2 Other information: No further relevant information available.

10. STABILITY AND REACTIVITY*

10.1 Reactivity: No further relevant information available.

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

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- 10.5 **Incompatible materials:** No further relevant information available.
- 10.6 **Hazardous decomposition products:** No dangerous decomposition products known.

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 corrosion/irritation: Based on available data, the classification criteria are not met.

Serious eye damage/irritation: Based on available data, the classification criteria are not met.

Respiratory or skin sensitization: Based on available data, the classification criteria are not met.

CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction)

Germ cell mutagenicity: Based on available data, the classification criteria are not met.

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

Reproductive 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.

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: Generally not 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.

13. DISPOSAL CONSIDERATIONS*

13.1 Waste treatment methods

Recommendation: Smaller quantities can be disposed of with household waste.

European waste catalogue

08 04 10: waste adhesives and sealants other than those mentioned in 08 04 09

Uncleaned packaging

Recommendation: Packaging's that may not be cleansed are to be disposed of in the same manner as the product. Disposal must be made according to official regulations.

14. TRANSPORT INFORMATION*

14.1 UN-Number

ADR, ADN, IMDG, IATA

Void

14.2 UN proper shipping name

ADR, ADN, IMDG, IATA

Void

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| | |
|--|-----------------|
| 14.3 Transport hazard class(es) | |
| ADR, ADN, IMDG, IATA | |
| Class | Void |
| 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 Annex II of Marpol and the IBC Code | |
| Marpol and the IBC Code | Not applicable. |
| UN "Model Regulation": | Void |

15. REGULATORY INFORMATION*

| | |
|--|--|
| 15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture | |
| Labelling according to Regulation (EG) No 1272/2008: | Void |
| Hazard pictograms: | Void |
| Signal word: | Void |
| Hazard statements: | Void |
| Directive 2012/18/EU | |
| Named dangerous substances – ANNEX I: | None of the ingredients is listed. |
| 15.2 Chemical safety assessment: | A Chemical Safety Assessment has not been carried out. |

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.

Department issuing SDS: quality management

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)

VOC: Volatile Organic Compounds (USA, EU)

LC50: Lethal concentration, 50 percent

LD50: Lethal dose, 50 percent

PBT: Persistent, Bioaccumulative and Toxic

vPvB: very Persistent and very Bioaccumulative

Acute Tox. 3: Acute toxicity – Category 3

Skin Corr. 1B: Skin corrosion/irritation – Category 1B

Skin Sens. 1: Skin sensitisation – Category 2

Aquatic Acute 1: Hazardous to the aquatic environment – acute aquatic hazard – Category 1

Aquatic Chronic 1: Hazardous to the aquatic environment – long-term aquatic hazard – Category 1

* Data compared to the previous version altered.