

Safety data sheet
according to UK REACH

Printing date 05.08.2024

Version number 5

Revision: 05.08.2024

SECTION 1: Identification of the substance/mixture and of the company/undertaking**1.1 Product identifier**· Trade name: **686 Supercol**

· Article number: 686

1.2 Relevant identified uses of the substance or mixture and uses advised against*No further relevant information available.*· Application of the substance / preparation *Tile adhesive***1.3 Details of the supplier of the safety data sheet****Manufacturer/Supplier:***Forbo Eurocol Nederland B.V.**Industrieweg 1-2**NL-1521 NA Wormerveer Holland**Tel. +31 75 6271620**E-mail address: info.eurocol@forbo.com**Website: www.eurocol.com***1.4 Emergency telephone number:***In case of emergency please contact the Dutch National Poison Control, telephone number: 0031-(0)88-755 8000 (This number is only accessible to the physician treating the patient and only in case of accidental poisoning).***SECTION 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 GB CLP regulation.***2.2 Label elements**· Labelling according to Regulation (EC) No 1272/2008 *Void*· Hazard pictograms *Void*· Signal word *Void*· Hazard statements *Void***Additional information:***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), 1,2-benzisothiazol-3(2H)-one. May produce an allergic reaction.***2.3 Other hazards****Results of PBT and vPvB assessment**· PBT: *Not applicable.*· vPvB: *Not applicable.***SECTION 3: Composition/information on ingredients****3.2 Chemical characterisation: Mixtures**· Description: *Tile adhesive based on styrene acrylate and fillers*

(Contd. on page 2)

Safety data sheet according to UK REACH

Printing date 05.08.2024





Version number 5

Revision: 05.08.2024

Trade name: **686 Supercol**

(Contd. of page 1)

Dangerous components:

| | | |
|------------|---|-------------------|
| 55965-84-9 | 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) | >0.00015-<0.0015% |
| | <ul style="list-style-type: none">  Acute Tox. 3, H301; Acute Tox. 2, H310; Acute Tox. 2, H330;  Skin Corr. 1C, H314; Eye Dam. 1, H318;  Aquatic Acute 1, H400; Aquatic Chronic 1, H410;  Skin Sens. 1A, H317 | |

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

SECTION 4: First aid measures

- 4.1 Description of first aid measures
- General information: No special measures required.
- After inhalation: Not applicable.
- After skin contact: Wash with water and soap.
- After eye contact:
Rinse opened eye for several minutes under running water. If symptoms persist, consult a physician.
- After swallowing: Rinse mouth with water and then drink plenty of water, consult physician immediately.
- Information for doctor: Product is weak alkaline and after drying hardly soluble in water.
- 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.

SECTION 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.
- 5.2 Special hazards arising from the substance or mixture No further relevant information available.
- 5.3 Advice for firefighters
- Protective equipment: No special measures required.

SECTION 6: Accidental release measures

- 6.1 Personal precautions, protective equipment and emergency procedures Not required.
- 6.2 Environmental precautions:
Dilute with plenty of water.
Do not allow to penetrate the ground/soil.
- 6.3 Methods and material for containment and cleaning up:
Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).
Dispose contaminated material as waste according to section 13.
Ensure adequate ventilation.
Collect product in waste container. Rinse floor with water.
- 6.4 Reference to other sections
No dangerous substances are released.
See Section 7 for information on safe handling.
See Section 8 for information on personal protection equipment.
See Section 13 for disposal information.

GB

(Contd. on page 3)

Safety data sheet according to UK REACH

Printing date 05.08.2024

Version number 5

Revision: 05.08.2024

Trade name: **686 Supercol**

(Contd. of page 2)

SECTION 7: Handling and storage

- **7.1 Precautions for safe handling** *Open and handle receptacle with care.*
- **Information about fire - and explosion protection:** *Keep respiratory protective device available.*
- **7.2 Conditions for safe storage, including any incompatibilities**
- **Storage:**
- **Requirements to be met by storerooms and receptacles:** *Store in a cool, but frost-proof location.*
- **Information about storage in one common storage facility:** *Not required.*
- **Further information about storage conditions:**
- Recommended storage temperature between 15 and 25°C.*
- **7.3 Specific end use(s)** *No further relevant information available.*

SECTION 8: Exposure controls/personal protection

- **8.1 Control parameters**
- **Additional information about design of technical facilities:** *No further data; see section 7.*
- **Ingredients with limit values that require monitoring at the workplace:**
- The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.*

· DNELs

55965-84-9 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)

| | | |
|------------|----------------------------|------------------------------------|
| Oral | DNEL | 0.09 mg/kg (consumer) |
| Inhalative | DNEL Inhalative long terme | 0.02 /mg/m ³ (consumer) |

· PNECs

55965-84-9 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)

| | |
|------------|------------------------------------|
| PNEC mg/kg | 0.01 mg/kg (Soil) |
| | 0.027 mg/kg (Sea Water Sediment) |
| | 0.027 mg/kg (Fresh Water Sediment) |

- **Additional information:** *The lists valid during manufacture were used as basis.*
- **8.2 Exposure controls**
- **Personal protective equipment:**
- **General protective and hygienic measures:**
- The usual precautionary measures are to be adhered to when handling chemicals.*
- Keep away from foodstuffs, beverages and feed.*
- Immediately remove all soiled and contaminated clothing*
- Wash hands before breaks and at the end of work.*
- Store protective clothing separately.*
- Avoid contact with the eyes and skin.*
- **Respiratory protection:**
- In case of brief exposure or low pollution use respiratory filter device. In case of intensive or longer exposure use self-contained respiratory protective device.*
- **Protection of hands:**



Protective gloves

*The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.
Selection of the glove material is dependant on the penetration times, rates of diffusion and degradation.*

(Contd. on page 4)

Safety data sheet according to UK REACH

Printing date 05.08.2024

Version number 5

Revision: 05.08.2024

Trade name: **686 Supercol**

(Contd. of page 3)

- **Material of gloves**

Suitable chemical-resistant gloves (EN 374) even with longer direct contact (recommendation: protection index 6, corresponding > 480 minutes permeation time (permeation) according to EN 374) e.g. nitrile rubber (0.4 mm), chloroprene rubber (0.5 mm), butyl rubber (0.7 mm) and others. Due to several factors that can influence (e.g. temperature), it must be taken into account that the service life of a chemical glove can in practice be considerably shorter than the permeation time indicated by the test.

The selection of suitable gloves does not only depend on the material, but also on further aspects of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.

- **Penetration time of glove material > 480 Minutes.**

- **For prolonged contact gloves made of the following materials are suitable:**

Chloroprene and butylrubber.

Nitrile rubber

- **Eye protection:**



Tightly sealed goggles

SECTION 9: Physical and chemical properties

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

- **General Information**

- **Appearance:**

Form: *Paste*

Colour: *Beige*

- **Odour:** *Mild*

- **Odour threshold:** *Not determined.*

- **pH-value at 20 °C:** *8*

- **Change in condition**

Melting point/freezing point: *Undetermined.*

Initial boiling point and boiling range: *100 °C*

- **Flash point:** *101 °C*

- **Flammability (solid, gas):** *Not applicable.*

- **Decomposition temperature:** *Not determined.*

- **Ignition temperature:** *Product is not self-igniting.*

- **Explosive properties:** *Product does not present an explosion hazard.*

- **Explosion limits:**

Lower: *Not determined.*

Upper: *Not determined.*

- **Vapour pressure at 20 °C:** *23 hPa*

- **Density at 20 °C:** *1.65 g/cm³*

- **Relative density** *Not determined.*

- **Vapour density** *Not determined.*

- **Evaporation rate** *Not determined.*

(Contd. on page 5)

Safety data sheet according to UK REACH

Printing date 05.08.2024

Version number 5

Revision: 05.08.2024

Trade name: **686 Supercol**

(Contd. of page 4)

| | |
|---|--|
| · Solubility in / Miscibility with water: | Fully miscible. |
| · Partition coefficient: n-octanol/water: | Not determined. |
| · Viscosity: Dynamic: | Not determined. |
| Kinematic: | Not determined. |
| · Solvent content: VOC(EC%) | 0.0 % |
| · 9.2 Other information | No further relevant information available. |

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

SECTION 11: Toxicological information

- **11.1 Information on toxicological effects**
- **Acute toxicity** Based on available data, the classification criteria are not met.

LD/LC50 values relevant for classification:

55965-84-9 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)

| | | |
|--------|------|-------------------|
| Oral | LD50 | 64-66 mg/kg (rat) |
| Dermal | LD50 | 87.12 mg/kg (rat) |

- **Primary irritant effect:**
- **Skin corrosion/irritation** Possible irritation with prolonged or frequent contact.
- **Serious eye damage/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.
- **Additional toxicological information:**
- **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.

GB

(Contd. on page 6)

Safety data sheet according to UK REACH

Printing date 05.08.2024

Version number 5

Revision: 05.08.2024

Trade name: **686 Supercol**

(Contd. of page 5)

SECTION 12: Ecological information

· 12.1 Toxicity

· Aquatic toxicity:

55965-84-9 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)

| | |
|-----------|-----------------|
| LC50/96h | 0.28 mg/l (LM) |
| | 0.188 mg/l (OM) |
| EC50/48 h | 0.126 mg/l (DM) |

· **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:

Not hazardous for water.

Avoid transfer into the environment.

Do not discharge rinse water arising from cleaning tools into sewers or surface 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.

SECTION 13: Disposal considerations

· 13.1 Waste treatment methods

· **Recommendation** Smaller quantities can be disposed of with household waste.

· Uncleaned packaging:

· **Recommendation:** Disposal must be made according to official regulations.

· **Recommended cleansing agents:** Warm water, if necessary together with cleansing agents.

SECTION 14: Transport information

· 14.1 UN-Number

· **ADR, ADN, IMDG, IATA** Void

· 14.2 UN proper shipping name

· **ADR, ADN, IMDG, IATA** Void

· 14.3 Transport hazard class(es)

· **ADR, ADN, IMDG, IATA**

· **Class** Void

· 14.4 Packing group

· **ADR, IMDG, IATA** Void

· 14.5 Environmental hazards:

· **Marine pollutant:** No

· 14.6 Special precautions for user

Not applicable.

(Contd. on page 7)

Safety data sheet according to UK REACH

Printing date 05.08.2024

Version number 5

Revision: 05.08.2024

Trade name: **686 Supercol**

(Contd. of page 6)

| | |
|--|---|
| · 14.7 Transport in bulk according to Annex II of Marpol and the IBC Code | <i>Not applicable.</i> |
| · Transport/Additional information: | <i>Not classified as hazardous under transport regulations.</i> |
| · UN "Model Regulation": | <i>Void</i> |

SECTION 15: Regulatory information

- **15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**
- **Poisons Act**

| |
|--|
| · Regulated explosives precursors |
|--|

| |
|---|
| <i>None of the ingredients is listed.</i> |
|---|

| |
|----------------------------|
| · Regulated poisons |
|----------------------------|

| |
|---|
| <i>None of the ingredients is listed.</i> |
|---|

| |
|---|
| · Reportable explosives precursors |
|---|

| | | |
|-----------|---|--------|
| 7631-99-4 | sodium nitrate, containing in the dry state more than 16,3 per cent by weight of nitrogen | Listed |
|-----------|---|--------|

| |
|-----------------------------|
| · Reportable poisons |
|-----------------------------|

| | | |
|-----------|------------------|---------------------------------|
| 1310-73-2 | sodium hydroxide | 12% of total caustic alkalinity |
|-----------|------------------|---------------------------------|

- **Directive 2012/18/EU**

- **Named dangerous substances - ANNEX I** *None of the ingredients is listed.*

- **National regulations:**

- **Information about limitation of use:**

Workers are not allowed to be exposed to the hazardous carcinogenic materials contained in this preparation. Exceptions can be made by the authorities in certain cases.

- **Waterhazard class:** *Generally not hazardous for water.*

- **15.2 Chemical safety assessment:** *A Chemical Safety Assessment has not been carried out.*

SECTION 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.

- **Relevant phrases**

*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.*

- **Department issuing SDS:** *R&D department*

- **Contact:** *Ing. T.W. Breeuwer*

- **Abbreviations and acronyms:**

ADR: Accord relatif au transport international des marchandises dangereuses par route (European Agreement Concerning the International Carriage of Dangerous Goods by Road)

(Contd. on page 8)

Safety data sheet according to UK REACH

Printing date 05.08.2024

Version number 5

Revision: 05.08.2024

Trade name: 686 Supercol

(Contd. of page 7)

*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)**DNEL: Derived No-Effect Level (UK REACH)**PNEC: Predicted No-Effect Concentration (UK REACH)**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**Acute Tox. 2: Acute toxicity – Category 2**Skin Corr. 1C: Skin corrosion/irritation – Category 1C**Eye Dam. 1: Serious eye damage/eye irritation – Category 1**Skin Sens. 1A: Skin sensitisation – Category 1A**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.**

GB