

Safety data sheet

according to Regulation (EC) No 1907/2006, Article 31

Printing date 01.08.2024

Version number 22 (replaces version 21)

Revision: 01.08.2024

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

- **1.1 Product identifier**
- **Trade name:** GRF KOLMAT JR 450G*12 IT
- **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** Sealant
- **1.3 Details of the supplier of the safety data sheet**
- **Manufacturer/Supplier:**
Bison International B.V.
Dr.A.F.Philipsstraat 9
NL-4462 EW Goes
PO Box 160
NL-4460 AD Goes
tel. +31 88 3235700
fax. +31 88 3235800
e mail: sds@boltonadhesives.com
- **Further information obtainable from:** PSRA
- **1.4 Emergency telephone number:**
Members of the public seeking specific information on poisons should contact:
In England and Wales: NHS 111 - dial 111
In Scotland: NHS 24 - dial 111

SECTION 2: Hazards identification

- **2.1 Classification of the substance or mixture**
- **Classification according to Regulation (EC) No 1272/2008**



Eye Irrit. 2 H319 Causes serious eye irritation.
STOT SE 3 H335 May cause respiratory irritation.

Aquatic Chronic 3 H412 Harmful to aquatic life with long lasting effects.

- **2.2 Label elements**
- **Labelling according to Regulation (EC) No 1272/2008**
The product is classified and labelled according to the GB CLP regulation.
- **Hazard pictograms**



- **Signal word** Warning
- **Hazard-determining components of labelling:**
pumice
- **Hazard statements**
H319 Causes serious eye irritation.

(Contd. on page 2)

GB

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Revision: 01.08.2024

Trade name: GRF KOLMAT JR 450G*12 IT

(Contd. of page 1)

H335 May cause respiratory irritation.

H412 Harmful to aquatic life with long lasting effects.

Precautionary statements

P101 If medical advice is needed, have product container or label at hand.

P102 Keep out of reach of children.

P271 Use only outdoors or in a well-ventilated area.

P280 Wear eye protection / face protection.

P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P501 Dispose of contents/container in accordance with national regulations.

Additional information:

EUH208 Contains Cement, portland, chemicals, Flue dust, portland cement, N-1-naphthylaniline. May produce an allergic reaction.

Labelling of packages where the contents do not exceed 125 ml

Hazard pictograms



GHS07

Signal word Warning

Hazard-determining components of labelling:

pumice

Hazard statements

H335 May cause respiratory irritation.

H412 Harmful to aquatic life with long lasting effects.

Precautionary statements

P101 If medical advice is needed, have product container or label at hand.

P102 Keep out of reach of children.

P271 Use only outdoors or in a well-ventilated area.

P501 Dispose of contents/container in accordance with national regulations.

2.3 Other hazards

Results of PBT and vPvB assessment

PBT: Not applicable.

vPvB: Not applicable.

SECTION 3: Composition/information on ingredients

3.2 Mixtures

Description: Sealant

Dangerous components:

| | | |
|--|---|-----------|
| CAS: 1332-09-8 EC number: 603-719-3 | pumice ⚠ Eye Irrit. 2, H319; STOT SE 3, H335 | 25-50% |
| CAS: 12001-85-3 EINECS: 234-409-2 | Naphthenic acids, zinc salts ⚠ Aquatic Acute 1, H400; Aquatic Chronic 1, H410; ⚠ Skin Irrit. 2, H315; Eye Irrit. 2, H319 | ≥0.25-<1% |
| CAS: 65997-15-1 EINECS: 266-043-4 | Cement, portland, chemicals ⚠ Eye Dam. 1, H318; ⚠ Skin Irrit. 2, H315; Skin Sens. 1B, H317; STOT SE 3, H335 | ≥0.1-<1% |

(Contd. on page 3)

GB

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Revision: 01.08.2024

Trade name: GRF KOLMAT JR 450G*12 IT

| | | |
|---|---|-------------|
| (Contd. of page 2) | | |
| CAS: 68475-76-3 EINECS: 270-659-9 Reg.nr.: 01-2119486767-17 | Flue dust, portland cement ⚠ Eye Dam. 1, H318; ⚠ Skin Irrit. 2, H315; Skin Sens. 1, H317; STOT SE 3, H335 | ≥0.1-<1% |
| CAS: 1314-13-2 EINECS: 215-222-5 Index number: 030-013-00-7 Reg.nr.: 01-2119463881-32-XXXX | Zinc oxide ⚠ Aquatic Acute 1, H400; Aquatic Chronic 1, H410 | ≥0.25-<1% |
| CAS: 90-30-2 EINECS: 201-983-0 | N-1-naphthylaniline ⚠ STOT RE 2, H373; ⚠ Aquatic Acute 1, H400; Aquatic Chronic 1, H410; ⚠ Acute Tox. 4, H302; Skin Sens. 1B, H317 | ≥0.1-<0.25% |
| · 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:**
Supply fresh air; consult doctor in case of complaints.
No special measures required.
- **After skin contact:** 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.
- **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.

SECTION 5: Firefighting measures

- **5.1 Extinguishing media**
- **Suitable extinguishing agents:** Use fire extinguishing methods suitable to surrounding conditions.
- **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:**
Inform respective authorities in case of seepage into water course or sewage system.
Do not allow to enter sewers/ surface or ground water.
- **6.3 Methods and material for containment and cleaning up:** Ensure adequate ventilation.

(Contd. on page 4)

GB

Safety data sheet

according to Regulation (EC) No 1907/2006, Article 31

Printing date 01.08.2024

Version number 22 (replaces version 21)

Revision: 01.08.2024

Trade name: GRF KOLMAT JR 450G*12 IT

(Contd. of page 3)

· **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.

SECTION 7: Handling and storage

- **7.1 Precautions for safe handling** No special precautions are necessary if used correctly.
- **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:** Keep container tightly sealed.
- **Storage class:** 11
- **7.3 Specific end use(s)** No further relevant information available.

SECTION 8: Exposure controls/personal protection

· **8.1 Control parameters**

· **Ingredients with limit values that require monitoring at the workplace:**

65997-15-1 Cement, portland, chemicals

| | |
|-----|---|
| WEL | Long-term value: 10* 4** mg/m ³ *inhalable dust **respirable dust |
|-----|---|

· **PNECs**

1314-13-2 Zinc oxide

| | |
|------------------------|------------------------|
| Fresh water | 0.0144 mg/l |
| Fresh water sediment | 146.9 mg/kg dry weight |
| Marine water | 0.0072 mg/l |
| Marine sediment | 162.2 mg/kg dry weight |
| Soil | 83.1 mg/kg |
| Sewage treatment plant | 0.1 mg/l |

- **Additional information:** The lists valid during the making were used as basis.

· **8.2 Exposure controls**

- **Appropriate engineering controls** No further data; see section 7.
- **Individual protection measures, such as 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.
- Avoid contact with the eyes.
- Avoid contact with the eyes and skin.
- **Respiratory protection:** Not required.

(Contd. on page 5)

GB

Safety data sheet

according to Regulation (EC) No 1907/2006, Article 31

Printing date 01.08.2024

Version number 22 (replaces version 21)

Revision: 01.08.2024

Trade name: GRF KOLMAT JR 450G*12 IT

(Contd. of page 4)

· **Hand protection**



Protective gloves

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.

Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation

· **Material of gloves**

Recommended thickness of the material: > 0,12 mm

Nitrile rubber, NBR

· **Penetration time of glove material**

For the mixture of chemicals mentioned below the penetration time has to be at least 10 minutes (Permeation according to EN 374 Part 3: Level 1).

· **Eye/face protection**



Tightly sealed goggles

SECTION 9: Physical and chemical properties

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

· **General Information**

· **Physical state**

Solid

· **Colour:**

According to product specification

· **Odour:**

Recognisable

· **Odour threshold:**

Not determined.

· **Melting point/freezing point:**

Undetermined.

· **Boiling point or initial boiling point and boiling range**

Undetermined.

· **Flammability**

Not determined.

· **Lower and upper explosion limit**

· **Lower:**

Not determined.

· **Upper:**

Not determined.

· **Flash point:**

Not applicable.

· **Decomposition temperature:**

Not determined.

· **pH**

Not applicable.

· **Viscosity:**

· **Kinematic viscosity**

Not applicable.

· **Dynamic:**

Not applicable.

· **Solubility**

· **water:**

Insoluble.

· **Partition coefficient n-octanol/water (log value)**

Not determined.

· **Vapour pressure:**

Not applicable.

(Contd. on page 6)

GB

Safety data sheet

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Printing date 01.08.2024

Version number 22 (replaces version 21)

Revision: 01.08.2024

Trade name: GRF KOLMAT JR 450G*12 IT

(Contd. of page 5)

| | |
|--|--|
| <ul style="list-style-type: none">· Density and/or relative density· Density at 20 °C: 1.768 g/cm³· Relative density Not determined.· Vapour density Not applicable.· Particle characteristics See section 3. | |
| <ul style="list-style-type: none">· 9.2 Other information All relevant physical data were determined for the mixture. All non-determined data are not measurable or not relevant for the characterization of the mixture.· Appearance:· Form: Pasty· Important information on protection of health and environment, and on safety.· Ignition temperature: Product is not selfigniting.· Explosive properties: Product does not present an explosion hazard.· Solvent content:· Solids content: 100.0 %· Change in condition· Evaporation rate Not applicable. | |
| <ul style="list-style-type: none">· Information with regard to physical hazard classes· Explosives Void· Flammable gases Void· Aerosols Void· Oxidising gases Void· Gases under pressure Void· Flammable liquids Void· Flammable solids Void· Self-reactive substances and mixtures Void· Pyrophoric liquids Void· Pyrophoric solids Void· Self-heating substances and mixtures Void· Substances and mixtures, which emit flammable gases in contact with water Void· Oxidising liquids Void· Oxidising solids Void· Organic peroxides Void· Corrosive to metals Void· Desensitised explosives Void | |

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.

(Contd. on page 7)

GB

Safety data sheet

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Version number 22 (replaces version 21)

Revision: 01.08.2024

Trade name: GRF KOLMAT JR 450G*12 IT

(Contd. of page 6)

- **10.4 Conditions to avoid** No further relevant information available.
- **10.5 Incompatible materials:** No further relevant information available.
- **10.6 Hazardous decomposition products:** Danger of forming toxic pyrolysis products.

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.

- **LD/LC50 values relevant for classification:**

1314-13-2 Zinc oxide

| | | |
|------------|----------|-------------------|
| Oral | LD50 | >5000 mg/kg (rat) |
| Dermal | LD50 | >2000 mg/kg (rat) |
| Inhalative | LC50/4 h | 5.7 mg/l (rat) |

90-30-2 N-1-naphthylaniline

| | | |
|------|------|------------------|
| Oral | LD50 | 1625 mg/kg (rat) |
|------|------|------------------|

- **Skin corrosion/irritation** Based on available data, the classification criteria are not met.
- **Serious eye damage/irritation**
Causes serious eye irritation.
- **Respiratory or skin sensitisation** Based on available data, the classification criteria are not met.
- **Germ cell mutagenicity**
Not applicable.
- **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** May cause respiratory irritation.
- **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.
- **Additional toxicological information:**
- **Acute effects (acute toxicity, irritation and corrosivity)** Not applicable.
- **Sensitisation** Not applicable.
- **Repeated dose toxicity** Not applicable.
- **11.2 Information on other hazards**

- **Endocrine disrupting properties**

None of the ingredients is listed.

SECTION 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.
- **12.5 Results of PBT and vPvB assessment**
- **PBT:** Not applicable.
- **vPvB:** Not applicable.

(Contd. on page 8)

GB

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Version number 22 (replaces version 21)

Revision: 01.08.2024

Trade name: GRF KOLMAT JR 450G*12 IT

(Contd. of page 7)

- **12.6 Endocrine disrupting properties**
The product does not contain substances with endocrine disrupting properties.
- **12.7 Other adverse effects**
- **Remark:** Harmful to fish
- **Additional ecological information:**
- **General notes:**
Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.
Harmful to aquatic organisms

SECTION 13: Disposal considerations

- **13.1 Waste treatment methods**
- **Recommendation**
Must not be disposed together with household garbage. Do not allow product to reach sewage system.
Disposal must be made according to official regulations.
- **Uncleaned packaging:**
- **Recommendation:**
Packagings that may not be cleansed are to be disposed of in the same manner as the product.

SECTION 14: Transport information

| | |
|---|--|
| · 14.1 UN number or ID number | |
| · ADR/ADN, IMDG, IATA | not regulated |
| · ADN | - |
| · ADN | not regulated |
| · 14.2 UN proper shipping name | |
| · ADR/ADN, ADN, IMDG, IATA | not regulated |
| · 14.3 Transport hazard class(es) | |
| · ADR/ADN, ADN, IMDG, IATA | |
| · Class | not regulated |
| · 14.4 Packing group | |
| · ADR/ADN, IMDG, IATA | not regulated |
| · 14.5 Environmental hazards: | |
| · Marine pollutant: | No |
| · 14.6 Special precautions for user | Not applicable. |
| · 14.7 Maritime transport in bulk according to IMO instruments | Not applicable. |
| · Transport/Additional information: | Not dangerous according to the above specifications. |

(Contd. on page 9)

GB

Safety data sheet

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Revision: 01.08.2024

Trade name: GRF KOLMAT JR 450G*12 IT

(Contd. of page 8)

· **UN "Model Regulation":** not regulated**SECTION 15: Regulatory information**· **15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**· **Poisons Act**· **Regulated explosives precursors**

None of the ingredients is listed.

· **Regulated poisons**

None of the ingredients is listed.

· **Reportable explosives precursors**

None of the ingredients is listed.

· **Reportable poisons**

None of the ingredients is listed.

· **Directive 2012/18/EU**· **Named dangerous substances - ANNEX I** None of the ingredients is listed.· **DIRECTIVE 2011/65/EU on the restriction of the use of certain hazardous substances in electrical and electronic equipment – Annex II**

None of the ingredients is listed.

· **REGULATION (EU) 2019/1148**· **Regulation (EC) No 273/2004 on drug precursors**

None of the ingredients is listed.

· **Regulation (EC) No 111/2005 laying down rules for the monitoring of trade between the Community and third countries in drug precursors**

None of the ingredients is listed.

· **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**

H302 Harmful if swallowed.

H315 Causes skin irritation.

H317 May cause an allergic skin reaction.

H318 Causes serious eye damage.

H319 Causes serious eye irritation.

H335 May cause respiratory irritation.

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

H400 Very toxic to aquatic life.

H410 Very toxic to aquatic life with long lasting effects.

(Contd. on page 10)

GB

Safety data sheet

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Version number 22 (replaces version 21)

Revision: 01.08.2024

Trade name: GRF KOLMAT JR 450G*12 IT

(Contd. of page 9)

· Classification according to Regulation (EC) No 1272/2008

Serious eye damage/irritation
Specific target organ toxicity (single exposure)
Hazardous to the aquatic environment - long-term (chronic) aquatic hazard

The classification of the mixture is generally based on the calculation method using substance data according to Regulation (EC) No 1272/2008.

· Department issuing SDS: PSRA**· Contact:** PSRA**· Date of previous version:** 17.05.2024**· Version number of previous version:** 21**· 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)

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)

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. 4: Acute toxicity – Category 4

Skin Irrit. 2: Skin corrosion/irritation – Category 2

Eye Dam. 1: Serious eye damage/eye irritation – Category 1

Eye Irrit. 2: Serious eye damage/eye irritation – Category 2

Skin Sens. 1: Skin sensitisation – Category 1

Skin Sens. 1B: Skin sensitisation – Category 1B

STOT SE 3: Specific target organ toxicity (single exposure) – Category 3

STOT RE 2: Specific target organ toxicity (repeated exposure) – 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

Aquatic Chronic 3: Hazardous to the aquatic environment - long-term aquatic hazard – Category 3

GB