# Safety Data Sheet
**according to HPR, Schedule 1**

Date of issue 07/14/2026 Version number 18 Revision: 07/14/2026

## 1 Identification

· **Product identifier**

· **Trade name:** GRF HBS-200 RUBBER TIX CQ 310G*12 L221
· **Other means of identification**
· **Application of the substance / the mixture** Sealant

· **Details of the supplier of the safety data sheet**
· **Manufacturer/Supplier:**
Bison International
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

· **Information department:** PSRA
· **Emergency telephone number:**
Bison and Griffon products: +31 88 3235700. Operating hours mo-fr 08:00h-17:00h (CET)
UHU products: + 49 (0) 30/19240 (Notruf). Operating hours mo-fr 08:00h-17:00h (CET)

For detailed information contact the national Poison Centre @
https://poisoncentres.echa.europa.eu/appointed-bodies

* 

## 2 Hazard identification

· **Classification of the substance or mixture**
Carcinogenicity – Category 2 H351 Suspected of causing cancer.

· **Label elements**
· **Hazard pictograms**



GHS08

· **Signal word** Warning

· **Hazard-determining components of labeling:**
Asphalt
· **Hazard statements**
H351 Suspected of causing cancer.
· **Precautionary statements**
P201 Obtain special instructions before use.
P202 Do not handle until all safety precautions have been read and understood.
P280 Wear protective gloves/protective clothing/eye protection/face protection/hearing protection.
P308+P313 IF exposed or concerned: Get medical advice/attention.

(Contd. on page 2)

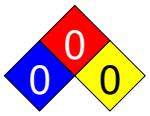
# Safety Data Sheet
## according to HPR, Schedule 1

Date of issue 07/14/2026 Version number 18 Revision: 07/14/2026

**Trade name:** GRF HBS-200 RUBBER TIX CQ 310G*12 L221

(Contd. of page 1)

· **Information pertaining to particular dangers for man and environment:**
· **Classification system:**
· **NFPA ratings (scale 0 - 4)**




Health = 0
Fire = 0
Reactivity = 0

· **HMIS-ratings (scale 0 - 4)**




Health = 0
Fire = 0
Reactivity = 0

## 3 Composition/Information on ingredients

· **Chemical characterization: Mixtures**
· **Description:** Sealant

· **Dangerous components:**

| | | |
|---|---|---|
| 8052-42-4 | Asphalt | 15-40% w/w * |

* Actual concentration ranges are withheld as a trade secret.

## 4 First-aid measures

· **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.
· **After swallowing:** If symptoms persist consult doctor.
· **Most important symptoms and effects, both acute and delayed**
No further relevant information available.
· **Indication of any immediate medical attention and special treatment needed**
No further relevant information available.

## 5 Fire-fighting measures

· **Extinguishing media**
· **Suitable extinguishing agents:** Use fire fighting measures that suit the environment.
· **Special hazards arising from the substance or mixture**
No further relevant information available.

(Contd. on page 3)

# Safety Data Sheet
## according to HPR, Schedule 1

Date of issue 07/14/2026 Version number 18 Revision: 07/14/2026

**Trade name:** GRF HBS-200 RUBBER TIX CQ 310G*12 L221

(Contd. of page 2)

· **Advice for firefighters**
· **Protective equipment:** No special measures required.

## 6 Accidental release measures

· **Personal precautions, protective equipment and emergency procedures** Not required
· **Environmental precautions:** Do not allow to enter sewers/ surface or ground water.
· **Methods and material for containment and cleaning up:**
Send for recovery or disposal in suitable receptacles.
Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).
Dispose contaminated material as waste according to section 13.
· **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

· **Precautions for safe handling** Open and handle receptacle with care.
· **Information about protection against explosions and fires:**
Keep respiratory protective device available.

· **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 receptacle tightly sealed.
· **Storage class:** 12
· **Specific end use(s)** No further relevant information available.

## 8 Exposure controls/ Personal protection

· **Control parameters**

| · **Components with limit values that require monitoring at the workplace:** | |
|---|---|
| **8052-42-4 Asphalt** | |
| EL | TWA: 0.5 mg/m³<br>inhalable;IARC 2A:oxidized; IARC 2B:straight-run |
| EV | TWA: 0.5 mg/m³<br>fume, as benzene-soluble aerosol, inhalable |

· **Additional information:** The lists that were valid during the creation were used as basis.

· **Exposure controls**
· **Additional information about design of technical systems:** No further data; see section 7.
· **Personal protective equipment:**
· **General protective and hygienic measures:**
The usual precautionary measures for handling chemicals should be followed.
Keep away from foodstuffs, beverages and feed.

(Contd. on page 4)

# Safety Data Sheet
## according to HPR, Schedule 1

Date of issue 07/14/2026 Version number 18 Revision: 07/14/2026

**Trade name:** GRF HBS-200 RUBBER TIX CQ 310G*12 L221

(Contd. of page 3)

Wash hands before breaks and at the end of work.
Store protective clothing separately.
· **Breathing equipment:** Not required
· **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 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 protection:** Goggles recommended during refilling.

* 
## 9 Physical and chemical properties

| | |
|---|---|
| · **Information on basic physical and chemical properties** | |
| · **General Information** | |
| · **Physical state** | Liquid |
| · **Color:** | According to product specification |
| · **Odor:** | Characteristic |
| · **Odor threshold:** | Not determined |
| · **Melting point/Melting range:** | Undetermined |
| · **Boiling point/Boiling range:** | 100 °C |
| · **Flammability:** | Not applicable |
| · **Explosion limits:** | |
| · **Lower:** | Not determined |
| · **Upper:** | Not determined |
| · **Flash point:** | Not applicable |
| · **Decomposition temperature:** | Not determined |
| · **pH-value:** | Not determined |
| · **Viscosity:** | |
| · **Kinematic:** | Not determined |
| · **Dynamic:** | Not determined |
| · **Solubility in / Miscibility with** | |
| · **Water:** | Not miscible or difficult to mix. |
| · **Partition coefficient (n-octanol/water):** | Not determined |
| · **Vapor pressure at 20 °C:** | 23 hPa |
| · **Vapor pressure:** | |
| · **Density:** | Not determined |
| · **Relative density** | Not determined |

(Contd. on page 5)

# Safety Data Sheet
## according to HPR, Schedule 1

Date of issue 07/14/2026 Version number 18 Revision: 07/14/2026

**Trade name:** GRF HBS-200 RUBBER TIX CQ 310G*12 L221

(Contd. of page 4)

| | |
|---|---|
| · **Vapor density** | Not determined |
| · **Particle characteristics** | Not applicable |
| · **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:** | Fluid |
| · **Important information on protection of health and environment, and on safety.** | |
| · **Ignition temperature:** | Product is not selfigniting. |
| · **Danger of explosion:** | Product does not present an explosion hazard. |
| · **Solvent content:** | |
| · **Water:** | 43.3 % |
| · **Solids content:** | 15.8 % |
| · **Change in condition** | |
| · **Evaporation rate** | Not determined |

## 10 Stability and reactivity

· **Reactivity** No further relevant information available.
· **Chemical stability**
· **Thermal decomposition / conditions to be avoided:**
No decomposition if used according to specifications.
· **Possibility of hazardous reactions** No dangerous reactions known.
· **Conditions to avoid** No further relevant information available.
· **Incompatible materials:** No further relevant information available.
· **Hazardous decomposition products:** No dangerous decomposition products known.

## 11 Toxicological information

· **Information on toxicological effects**
· **Acute toxicity:**

· **LD/LC50 values that are relevant for classification:**

| **8052-42-4 Asphalt** | | |
|---|---|---|
| Oral | LD50 | >5000 mg/kg (rat) |
| Dermal | LD50 | >2000 mg/kg (rabbit) |

· **Primary irritant effect:**
· **on the skin:** No irritant effect.
· **on the eye:** No irritating effect.
· **Sensitization:** No sensitizing effects known.
· **Germ cell mutagenicity** Not applicable
· **Additional toxicological information:**
The product shows the following dangers according to internally approved calculation methods for preparations:

(Contd. on page 6)

# Safety Data Sheet
## according to HPR, Schedule 1

Date of issue 07/14/2026 Version number 18 Revision: 07/14/2026

**Trade name:** GRF HBS-200 RUBBER TIX CQ 310G*12 L221

(Contd. of page 5)

· **Carcinogenic categories**

| · **IARC (International Agency for Research on Cancer)** | | |
|---|---|---|
| 8052-42-4 | Asphalt | 2B |
| 9010-98-4 | polychloroprene | 3 |
| 126-99-8 | chloroprene (stabilized) | 2B |

| · **NTP (National Toxicology Program)** | | |
|---|---|---|
| 126-99-8 | chloroprene (stabilized) | R |

## 12 Ecological information

· **Toxicity**
· **Aquatic toxicity:** No further relevant information available.
· **Persistence and degradability** No further relevant information available.
· **Bioaccumulative potential** No further relevant information available.
· **Mobility in soil** No further relevant information available.
· **Results of PBT and vPvB assessment**
· **PBT:** Not applicable
· **vPvB:** Not applicable
· **Other adverse effects**
· **Additional ecological information:**
· **General notes:**
Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.

## 13 Disposal considerations

· **Waste treatment methods**
· **Recommendation:**
Must not be disposed of together with household garbage. Do not allow product to reach sewage system.
Disposal must be made according to official regulations.

· **Uncleaned packagings:**
· **Recommendation:**
Packagings that cannot be cleansed are to be disposed of in the same manner as the product.

## 14 Transport information

| | |
|---|---|
| · **UN-Number** | |
| · **DOT/TDG, ADN** | not regulated |
| · **ADR, IMDG, IATA** | not regulated<br>- |
| · **UN proper shipping name** | |
| · **DOT/TDG, ADR, ADN, IMDG, IATA** | not regulated |

(Contd. on page 7)

# Safety Data Sheet
## according to HPR, Schedule 1

Date of issue 07/14/2026 Version number 18 Revision: 07/14/2026

**Trade name:** GRF HBS-200 RUBBER TIX CQ 310G*12 L221

(Contd. of page 6)

| | |
|---|---|
| · **Transport hazard class(es)** | |
| · **DOT/TDG, ADR, ADN, IMDG, IATA** · **Class** | not regulated |
| · **Packing group** · **DOT/TDG, ADR, IMDG, IATA** | not regulated |
| · **Environmental hazards:** | Not applicable |
| · **Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code** | Not applicable |
| · **Transport/Additional information:** | Not dangerous according to the above specifications. |
| · **Special precautions for user** | Not applicable |
| · **UN "Model Regulation":** | not regulated |

* 
## 15 Regulatory information

· **Safety, health and environmental regulations/legislation specific for the substance or mixture**
· **Sara**

· **Section 355 (extremely hazardous substances):**

None of the ingredients is listed.

· **Section 313 (Specific toxic chemical listings):**

| | |
|---|---|
| 52-51-7 | Bronopol |
| 126-99-8 | chloroprene (stabilized) |

· **TSCA (Toxic Substances Control Act):**

| | | |
|---|---|---|
| 7732-18-5 | water, distilled, conductivity or of similar purity | ACTIVE |
| 8052-42-4 | Asphalt | ACTIVE |
| 24937-78-8 | Ethylene vinyl acetate copolymer | ACTIVE |
| 9010-98-4 | polychloroprene | ACTIVE |
| 61790-50-9 | Resin acids and Rosin acids, potassium salts | ACTIVE |
| 9004-62-0 | Cellulose, 2-hydroxyethyl ether | ACTIVE |
| 9003-11-6 | Polyoxyethylene-polyoxypropylene glycol | ACTIVE |
| 53320-86-8 | Magnesium sodium lithium silicate | ACTIVE |
| 61790-51-0 | Resin acids and Rosin acids, sodium salts | ACTIVE |
| 29329-71-3 | (1-hydroxyethylidene)bisphosphonic acid, sodium salt | ACTIVE |
| 64742-52-5 | Distillates (petroleum), hydrotreated heavy naphthenic | ACTIVE |
| 2634-33-5 | 1,2-benzisothiazol-3(2H)-one | ACTIVE |
| 52-51-7 | Bronopol | ACTIVE |
| 1310-58-3 | potassium hydroxide | ACTIVE |

(Contd. on page 8)

# Safety Data Sheet
## according to HPR, Schedule 1

Date of issue 07/14/2026 Version number 18 Revision: 07/14/2026

**Trade name:** GRF HBS-200 RUBBER TIX CQ 310G*12 L221

(Contd. of page 7)

| | | |
|---|---|---|
| 7631-99-4 | Sodium nitrate | ACTIVE |
| 55965-84-9 | mixture of 5-chloro-2-methyl-2H-isothiazol-3-one [EC no. 247-500-7] and 2-methyl-2H-isothiazol-3-one [EC no. 220-239-6] (3:1) | ACTIVE |
| 126-99-8 | chloroprene (stabilized) | ACTIVE |
| 2682-20-4 | 2-methyl-2H-isothiazol-3-one | ACTIVE |

· **Canadian substance listings:**

| · **Canadian Domestic Substances List (DSL)** | |
|---|---|
| 7732-18-5 | water, distilled, conductivity or of similar purity |
| 8052-42-4 | Asphalt |
| 24937-78-8 | Ethylene vinyl acetate copolymer |
| 9010-98-4 | polychloroprene |
| 61790-50-9 | Resin acids and Rosin acids, potassium salts |
| 9004-62-0 | Cellulose, 2-hydroxyethyl ether |
| 9003-11-6 | Polyoxyethylene-polyoxypropylene glycol |
| 53320-86-8 | Magnesium sodium lithium silicate |
| 61790-51-0 | Resin acids and Rosin acids, sodium salts |
| 29329-71-3 | (1-hydroxyethylidene)bisphosphonic acid, sodium salt |
| 64742-52-5 | Distillates (petroleum), hydrotreated heavy naphthenic |
| 2634-33-5 | 1,2-benzisothiazol-3(2H)-one |
| 52-51-7 | Bronopol |
| 1310-58-3 | potassium hydroxide |
| 7631-99-4 | Sodium nitrate |
| 55965-84-9 | mixture of 5-chloro-2-methyl-2H-isothiazol-3-one [EC no. 247-500-7] and 2-methyl-2H-isothiazol-3-one [EC no. 220-239-6] (3:1) |
| 126-99-8 | chloroprene (stabilized) |
| 2682-20-4 | 2-methyl-2H-isothiazol-3-one |

| · **Canadian Non-Domestic Substances List (NDSL)** |
|---|
| None of the ingredients is listed. |

| · **Canadian Ingredient Disclosure list (limit 0.1%)** |
|---|
| None of the ingredients is listed. |

| · **Canadian Ingredient Disclosure list (limit 1%)** |
|---|
| None of the ingredients is listed. |

| · **Per- and polyfluoroalkyl substances (PFAS)** |
|---|
| None of the ingredients is listed. |

· **GHS label elements**
The product is classified and labeled according to the Globally Harmonized System (GHS).

(Contd. on page 9)

# Safety Data Sheet
## according to HPR, Schedule 1

Date of issue 07/14/2026 Version number 18 Revision: 07/14/2026

**Trade name:** GRF HBS-200 RUBBER TIX CQ 310G*12 L221

(Contd. of page 8)

· **Hazard pictograms**



GHS08

· **Signal word** Warning

· **Hazard-determining components of labeling:**
Asphalt
· **Hazard statements**
H351 Suspected of causing cancer.
· **Precautionary statements**
P201 Obtain special instructions before use.
P202 Do not handle until all safety precautions have been read and understood.
P280 Wear protective gloves/protective clothing/eye protection/face protection/hearing protection.
P308+P313 IF exposed or concerned: Get medical advice/attention.
· **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:** PSRA
· **Contact:** PSRA
· **Date of previous version** 08/09/2022
· **Version number of previous version:** 17
· **Date of preparation** 07/14/2026
· **Abbreviations and acronyms:**
IMDG: International Maritime Code for Dangerous Goods
DOT: US Department of Transportation
IATA: International Air Transport Association
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)
NFPA: National Fire Protection Association (USA)
HMIS: Hazardous Materials Identification System (USA)
LC50: Lethal concentration, 50 percent
LD50: Lethal dose, 50 percent
PBT: Persistent, Bioaccumulative and Toxic
vPvB: very Persistent and very Bioaccumulative
· *** Data compared to the previous version altered.**

CA