Safety Data Sheet
acc. to OSHA HCS

Printing date 07/14/2026 Reviewed on 07/14/2026

1 Identification

· **Product identifier**

· **Trade name:** GRF HBS-200 RUBBER TIX BU 5L*1 L1
· **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

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2 Hazard(s) identification

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

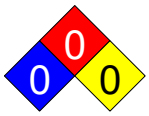
· **Label elements**
· **Hazard pictograms**



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.
P308+P313 IF exposed or concerned: Get medical advice/attention.
· **Classification system:**
· **NFPA ratings (scale 0 - 4)**



Health = 0
Fire = 0
Reactivity = 0

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· **HMIS-ratings (scale 0 - 4)**

HEALTH 0	Health = 0
FIRE 0	Fire = 0
REACTIVITY 0	Reactivity = 0

· **Other hazards**
· **Results of PBT and vPvB assessment**
· **PBT:** Not applicable
· **vPvB:** Not applicable

3 Composition/information on ingredients

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

· **Dangerous components:**

8052-42-4	Asphalt	25-50%

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

6 Accidental release measures

· **Personal precautions, protective equipment and emergency procedures** Not required

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· **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.
· **Protective Action Criteria for Chemicals**

· **PAC-1:**		
8052-42-4	Asphalt	15 mg/m3
24937-78-8	Ethylene vinyl acetate copolymer	30 mg/m3
9003-11-6	Polyoxyethylene-polyoxypropylene glycol	17 mg/m3
64742-52-5	Distillates (petroleum), hydrotreated heavy naphthenic	140 mg/m3
1310-58-3	potassium hydroxide	0.18 mg/m³
7631-99-4	Sodium nitrate	3.8 mg/m3
126-99-8	chloroprene (stabilized)	3.0 ppm

· **PAC-2:**		
8052-42-4	Asphalt	170 mg/m3
24937-78-8	Ethylene vinyl acetate copolymer	330 mg/m3
9003-11-6	Polyoxyethylene-polyoxypropylene glycol	190 mg/m3
64742-52-5	Distillates (petroleum), hydrotreated heavy naphthenic	1500 mg/m3
1310-58-3	potassium hydroxide	2 mg/m³
7631-99-4	Sodium nitrate	42 mg/m3
126-99-8	chloroprene (stabilized)	67 ppm

· **PAC-3:**		
8052-42-4	Asphalt	990 mg/m3
24937-78-8	Ethylene vinyl acetate copolymer	2000 mg/m3
9003-11-6	Polyoxyethylene-polyoxypropylene glycol	1100 mg/m3
64742-52-5	Distillates (petroleum), hydrotreated heavy naphthenic	8900 mg/m3
1310-58-3	potassium hydroxide	54 mg/m³
7631-99-4	Sodium nitrate	250 mg/m3
126-99-8	chloroprene (stabilized)	400 ppm

7 Handling and storage

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

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· **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

· **Additional information about design of technical systems:** No further data; see section 7.

· **Control parameters**

· **Components with limit values that require monitoring at the workplace:**	
8052-42-4 Asphalt	
REL	Ceiling limit value: 5* mg/m³ *15-min; See Pocket Guide App. A
TLV	Long-term value: 0.5* mg/m³ *inh. ;as benzene-soluble aerosol;A4, BEI-P

· **Ingredients with biological limit values:**	
8052-42-4 Asphalt	
BEI	2.5 µg/L Medium: urine Time: end of shift at end of workweek Parameter: 1-Hydroxypyrene (background, with hydrolysis) 2.5 µg/L Medium: urine Time: end of shift at end of workweek Parameter: Hydroxybenzo (a)pyrene (non-quantitative, with hydrolysis)

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

· **Exposure controls**
· **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.
Wash hands before breaks and at the end of work.
Store protective clothing separately.
· **Breathing equipment:** Not required
· **Protection of hands:**



Protective gloves

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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.

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9 Physical and chemical properties

· **Information on basic physical and chemical properties**	
· **General Information**	
· **Appearance:**	
Form:	Fluid
Color:	According to product specification
· **Odor:**	Characteristic
· **Odor threshold:**	Not determined
· **pH-value:**	Not determined
· **Change in condition**	
Melting point/Melting range:	Undetermined
Boiling point/Boiling range:	100 °C (212 °F)
· **Flash point:**	Not applicable
· **Flammability:**	Not applicable
· **Decomposition temperature:**	Not determined
· **Ignition temperature:**	Product is not selfigniting.
· **Danger of explosion:**	Product does not present an explosion hazard.
· **Explosion limits:**	
Lower:	Not determined
Upper:	Not determined
· **Vapor pressure at 20 °C (68 °F):**	23 hPa (17.3 mm Hg)
· **Density:**	Not determined
· **Relative density**	Not determined
· **Vapor density**	Not determined
· **Evaporation rate**	Not determined
· **Solubility in / Miscibility with**	
Water:	Not miscible or difficult to mix.
· **Partition coefficient (n-octanol/water):**	Not determined

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· **Viscosity:**	
Dynamic:	Not determined
Kinematic:	Not determined
· **Solvent content:**	
Water:	43.3 %
VOC content:	0.00 % 0.0 g/l / 0.00 lb/gal
Solids content:	15.8 %
· **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.

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.
· **Additional toxicological information:**
The product shows the following dangers according to internally approved calculation methods for preparations:

· **Carcinogenic categories**

· **IARC (International Agency for Research on Cancer)**

8052-42-4	Asphalt	2B
9010-98-4	polychloroprene	3

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126-99-8	chloroprene (stabilized)	2B

· **NTP (National Toxicology Program)**

126-99-8	chloroprene (stabilized)	R

· **OSHA-Ca (Occupational Safety & Health Administration)**

None of the ingredients is listed.

· **Germ cell mutagenicity** Not applicable

12 Ecological information

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

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, ADN**	not regulated
· **ADR/ADN, IMDG, IATA**	not regulated
	-
· **UN proper shipping name**	
· **DOT, ADR/ADN, ADN, IMDG, IATA**	not regulated

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· **Transport hazard class(es)**	
· **DOT, ADR/ADN, ADN, IMDG, IATA** · **Class**	not regulated
· **Packing group** · **DOT, ADR/ADN, IMDG, IATA**	not regulated
· **Environmental hazards:**	Not applicable
· **Special precautions for user**	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.
· **UN "Model Regulation":**	not regulated

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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

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Trade name: GRF HBS-200 RUBBER TIX BU 5L*1 L1

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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

· **Hazardous Air Pollutants**

126-99-8	chloroprene (stabilized)

· **Proposition 65**

· **Chemicals known to cause cancer:**

126-99-8	chloroprene (stabilized)

· **Chemicals known to cause reproductive toxicity for females:**

None of the ingredients is listed.

· **Chemicals known to cause reproductive toxicity for males:**

None of the ingredients is listed.

· **Chemicals known to cause developmental toxicity:**

None of the ingredients is listed.

· **Carcinogenic categories**

· **EPA (Environmental Protection Agency)**

126-99-8	chloroprene (stabilized)	L

· **TLV (Threshold Limit Value)**

8052-42-4	Asphalt	A4

· **NIOSH-Ca (National Institute for Occupational Safety and Health)**

8052-42-4	Asphalt
126-99-8	chloroprene (stabilized)

· **GHS label elements**
The product is classified and labeled according to the Globally Harmonized System (GHS).
· **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.
P308+P313 IF exposed or concerned: Get medical advice/attention.

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· **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 preparation / last revision** 07/14/2026 / 17
· **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
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)
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
NIOSH: National Institute for Occupational Safety
OSHA: Occupational Safety & Health
TLV: Threshold Limit Value
PEL: Permissible Exposure Limit
REL: Recommended Exposure Limit
BEI: Biological Exposure Limit
Carcinogenicity 2: Carcinogenicity – Category 2
· *** Data compared to the previous version altered.**

US