Safety Data Sheet
according to WHS Regulations

Date of issue: 14.07.2026 Version number 10 Revision: 14.07.2026

Not classified as hazardous according to criteria of Australian Safety and Compensation Council.

1 Identification

· **Other means of identification**

· **Trade name:** GRF WOOD MAX TR POW 320G*12 L221
· **Relevant identified uses of the substance or mixture and uses advised against**
No further relevant information available.
· **Application of the substance / the mixture** Adhesive

· **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

FABER - CASTELL
15 GIBBON RD.
WINSTON HILL
NSW 2153
Toll Free: 1800 677 885
Free Fax: 1800 678 608
EMAIL: enquiries@faber-castell.com.au

· **Further information obtainable from:** PSRA
· **Emergency telephone number:**
POISONS INFORMATION CENTRE (PIC)
TEL: 13 11 26

2 Hazard(s) Identification

· **Classification of the substance or mixture**
The product is not classified, according to the Globally Harmonised System (GHS).

· **Label elements**
· **Hazard pictograms** Void
· **Signal word** Void
· **Hazard statements** Void
· **Other hazards** During curing methanol (CAS 67-56-1) is produced.
· **Results of PBT and vPvB assessment**
· **PBT:** Not applicable
· **vPvB:** Not applicable

AU

(Contd. on page 2)

Safety Data Sheet
according to WHS Regulations

Date of issue: 14.07.2026 Version number 10 Revision: 14.07.2026

Trade name: GRF WOOD MAX TR POW 320G*12 L221

(Contd. of page 1)

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3 Composition and Information on Ingredients

· **Chemical characterisation: Mixtures**
· **Description:** Adhesive

· **Dangerous components:**

1067-25-0	trimethoxypropylsilane Flammable liquids – Category 3, H226; Skin corrosion/irritation – Category 2, H315	<10%

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

4 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

· **Suitable extinguishing agents:**
CO2, powder or water spray. Fight larger fires with water spray or alcohol resistant foam.
· **Special hazards arising from the substance or mixture**
No further relevant information available.
· **Protective equipment:** No special measures required.

6 Accidental Release Measures

· **Personal precautions, protective equipment and emergency procedures** Not required
· **Environmental precautions:** No special measures required.
· **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).
· **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.

(Contd. on page 3)

Safety Data Sheet
according to WHS Regulations

Date of issue: 14.07.2026 Version number 10 Revision: 14.07.2026

Trade name: GRF WOOD MAX TR POW 320G*12 L221

(Contd. of page 2)

7 Handling and Storage

· **Handling:**
· **Precautions for safe handling** No special measures required.
· **Information about fire - and explosion protection:** No special measures required.
· **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:** None.
· **Storage class:** 10
· **Specific end use(s)** No further relevant information available.

8 Exposure controls and personal protection

· **Appropriate engineering controls** 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**

1067-25-0 trimethoxypropylsilane		
Oral	Consumer, oral, shortterm exposition	4 mg/kg bw/day (rat)
	Consumer, oral, longterm exposition	4 mg/kg bw/day (rat)
Dermal	Worker, dermal, shortterm exposition	20 mg/kg bw/day (rat)
	Worker, dermal, longterm exposition	20 mg/kg bw/day (rat)
	Consumer, dermal, shortterm exposition	4 mg/kg bw/day (rat)
	Consumer, dermal, longterm exposition	4 mg/kg bw/day (rat)
Inhalative	Worker, inhalative, shortterm exposition	130 mg/m³ (rat)
	Worker, inhalative, longterm exposition	130 mg/m³ (rat)
	Consumer DNEL, acute inhalation	26400 mg/m³ (rat)
	Consumer, inhalative, longterm exposition	26 mg/m³ (rat)
		26 mg/m³ (rabbit)

· **Additional information:** The lists valid during the making were used as basis.
· **Personal protective equipment:**
· **General protective and hygienic measures:**
The usual precautionary measures are to be adhered to when handling chemicals.
· **Respiratory protection:** Not necessary if room is well-ventilated.
· **Protection of hands:**
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

(Contd. on page 4)

Safety Data Sheet
according to WHS Regulations

Date of issue: 14.07.2026 Version number 10 Revision: 14.07.2026

Trade name: GRF WOOD MAX TR POW 320G*12 L221

(Contd. of page 3)

· **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

· **General Information**	
· **Appearance:**	
· **Form:**	Pasty
· **Colour:**	Transparent
· **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:**	98 °C
· **Flammability**	Not applicable
· **Decomposition temperature:**	Not determined
· **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:**	~1.159 g/cm³
· **Relative density**	Not determined
· **Vapour 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
· **Viscosity:**	
· **Dynamic at 20 °C:**	100000 mPas
· **Kinematic:**	Not determined
· **Solvent content:**	
· **Organic solvents:**	0.0 %
· **VOC (EC)**	0.00 %
· **Solids content:**	94.5 %
· **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.
· **Particle characteristics**	Not applicable
· **Physical state**	Liquid

AU

(Contd. on page 5)

Safety Data Sheet
according to WHS Regulations

Date of issue: 14.07.2026 Version number 10 Revision: 14.07.2026

Trade name: GRF WOOD MAX TR POW 320G*12 L221

(Contd. of page 4)

10 Stability and Reactivity

· **Reactivity** No further relevant information available.
· **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:** Possible in traces.
· **Additional information:** During curing methanol (CAS 67-56-1) is produced.

11 Toxicological Information

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

· **LD/LC50 values relevant for classification:**		
1067-25-0 trimethoxypropylsilane		
Oral	LD50	>5170 mg/kg (rat)
		mg/kg (rabbit)
Inhalative	LC50/4 h	>22.2 mg/l (rat)

· **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 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** 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.
· **Interactive effects**
· **Acute effects (acute toxicity, irritation and corrosivity)** Not applicable
· **Sensitisation** Not applicable
· **Repeated dose toxicity** Not applicable

12 Ecological Information

· **Toxicity**
· **Aquatic toxicity:** No further relevant information available.
· **Persistence and degradability** No further relevant information available.
· **Behaviour in environmental systems:**
· **Bioaccumulative potential** No further relevant information available.
· **Mobility in soil** No further relevant information available.

(Contd. on page 6)

Safety Data Sheet
according to WHS Regulations

Date of issue: 14.07.2026 Version number 10 Revision: 14.07.2026

Trade name: GRF WOOD MAX TR POW 320G*12 L221

(Contd. of page 5)

· **Additional ecological information:**
· **General notes:**
Do not allow product to reach ground water, water course or sewage system.
Danger to drinking water if even small quantities leak into the ground.
· **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**
Smaller quantities can be disposed of with household waste.
Disposal must be made according to official regulations.

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

14 Transport information

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

AU

(Contd. on page 7)

Safety Data Sheet
according to WHS Regulations

Date of issue: 14.07.2026 Version number 10 Revision: 14.07.2026

Trade name: GRF WOOD MAX TR POW 320G*12 L221

(Contd. of page 6)

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15 Regulatory information

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

· **Australian Inventory of Industrial Chemicals**	
611222-18-5	Dimethoxy(methyl)silylmethylcarbamate-terminated polyether
67762-90-7	silica, amorphous
3445-11-2	N-(2-Hydroxyethyl)-2-pyrrolidone
1067-25-0	trimethoxypropylsilane
106214-80-6	Poly[3-(2-aminoethyl)aminopropyl]methylsiloxane, hydroxy-terminated
13822-56-5	3-(trimethoxysilyl)propylamine
2530-83-8	[3-(2,3-epoxypropoxy)propyl]trimethoxysilane
2768-02-7	trimethoxyvinylsilane
93925-43-0	tetraethylester, reaction product with bis(acetyloxy)dioctylstannane
52829-07-9	bis(2,2,6,6-tetramethyl-4-piperidyl) sebacate
681-84-5	tetramethyl orthosilicate
67-56-1	Methanol

· **Standard for the Uniform Scheduling of Medicines and Poisons**		
67-56-1	Methanol	S5, S6, S10

· **Australia: Priority Existing Chemicals**
None of the ingredients is listed.

· **GHS label elements** 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.
· **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.

· **Relevant phrases**
H226 Flammable liquid and vapour.
H315 Causes skin irritation.

· **Department issuing SDS:** PSRA
· **Contact:** PSRA
· **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
EINECS: European Inventory of Existing Commercial Chemical Substances
ELINCS: European List of Notified Chemical Substances

(Contd. on page 8)

Safety Data Sheet
according to WHS Regulations

Date of issue: 14.07.2026 Version number 10 Revision: 14.07.2026

Trade name: GRF WOOD MAX TR POW 320G*12 L221

(Contd. of page 7)

CAS: Chemical Abstracts Service (division of the American Chemical Society)
VOC: Volatile Organic Compounds (USA, EU)
DNEL: Derived No-Effect Level (REACH)
LC50: Lethal concentration, 50 percent
LD50: Lethal dose, 50 percent
PBT: Persistent, Bioaccumulative and Toxic
vPvB: very Persistent and very Bioaccumulative
Flammable liquids – Category 3: Flammable liquids – Category 3
Skin corrosion/irritation – Category 2: Skin corrosion/irritation – Category 2

· *** Data compared to the previous version altered.**

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