

## Safety Data Sheet

according to 1907/2006/EC, Article 31

Printing date 10.09.2020

Version number 2

Revision: 08.09.2020

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

**1.1 Product identifier**

Trade name **BITUVER F4 rosso**

Safety data sheet no.: 39PI00006

**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** Construction chemicals

**1.3 Details of the supplier of the safety data sheet**

**Manufacturer/Supplier:**

Saint-Gobain Italia S.p.A.

Via Ettore Romagnoli, 6

20146 Milano, Italia

Tel: +39 02 611151

www.gyproc.it • www.isover.it • www.it.weber • www.ecophon.com

sdsPPC@saint-gobain.com

**1.4 Emergency telephone number:**

Centro Antiveneni Niguarda tel. 02/66101029 (24 ore / 24 hours)

### 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 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:** Safety data sheet available on request.

**2.3 Other hazards**

**Results of PBT and vPvB assessment**

**PBT:** Does not contain PBT substances.


**vPvB:** Does not contain vPvB substances.

### SECTION 3: Composition/information on ingredients

**3.2 Chemical characterisation: Mixtures**

**Description:** Mixture of substances listed below with non hazardous additions.

**Dangerous components:**

CAS: 111-76-2	2-butoxyethanol	2-5%
EINECS: 203-905-0	 Acute Tox. 4, H302; Acute Tox. 4, H312; Acute Tox. 4, H332; Skin Irrit. 2, H315; Eye Irrit. 2, H319	
Index number: 603-014-00-0		
Reg.nr.: 01-2119475108-36-xxxx		

**SVHC** Void

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

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### SECTION 4: First aid measures

#### 4.1 Description of first aid measures

##### General information

Remove the victim immediately from the danger area. If the patient is unwell consult a doctor and present this data sheet.

**After inhalation** Supply fresh air; consult doctor in case of complaints.

##### After skin contact

Generally the product does not irritate the skin.

Immediately rinse with water.

If skin irritation continues, consult a doctor.

##### After eye contact

Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.

Rinse liquid should be tempered (20-30°C).

##### After swallowing

Rinse out mouth with water. Do not induce vomiting. Seek medical attention and present this data sheet.

#### 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

CO<sub>2</sub>, 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:** Do not inhale explosion gases or combustion gases.

### SECTION 6: Accidental release measures

#### 6.1 Personal precautions, protective equipment and emergency procedures

Wear protective clothing.

Ensure adequate ventilation.

**6.2 Environmental precautions:** Do not allow to enter sewers/ surface or ground water.

#### 6.3 Methods and material for containment and cleaning up:

Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).

#### 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** Store in cool, dry place in tightly closed receptacles.

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**Information about fire - and explosion protection:** Protect from heat.**7.2 Conditions for safe storage, including any incompatibilities****Storage****Requirements to be met by storerooms and receptacles:**

Store only in unopened original receptacles.

**Information about storage in one common storage facility:** Not required.**Further information about storage conditions:**

Store receptacle in a well ventilated area.

Protect from freezing.

Store under lock and key and out of the reach of children.

**7.3 Specific end use(s)** No further relevant information available.

### SECTION 8: Exposure controls/personal protection

**Additional information about design of technical facilities:** No further data; see item 7.**8.1 Control parameters****Ingredients with limit values that require monitoring at the workplace:****DNELs****CAS: 111-76-2 2-butoxyethanol**

Oral	Derived No Effect Level	6.3 mg/kgxday (consumer systemic long term value) 26.7 mg/kgxday (consumer systemic short term value)
Dermal	Derived No Effect Level	125 mg/kgxday (worker systemic long term value) 89 mg/kgxday (worker systemic short term value) 75 mg/kgxday (consumer systemic long term value) 89 mg/kgxday (consumer systemic short term value)
Inhalative	Derived No Effect Level	98 mg/m <sup>3</sup> (worker systemic long term value) 1,091 mg/m <sup>3</sup> (worker systemic short term value) 59 mg/m <sup>3</sup> (consumer systemic long term value) 426 mg/m <sup>3</sup> (consumer systemic short term value) 246 mg/m <sup>3</sup> (worker local short term value) 147 mg/m <sup>3</sup> (consumer local short term value)

**Ingredients with biological limit values:****CAS: 111-76-2 2-butoxyethanol**

BGW (Germany)	150 mg/g Kreatinin Untersuchungsmaterial: Urin Probennahmezeitpunkt: Expositionsende bzw. Schichtende, bei Langzeitexposition: am Schichtende nach mehreren vorangegangenen Schichten Parameter: Butoxyessigsäure (nach Hydrolyse)
VLB (Spain)	200 mg/g creatinina Muestra: orina Momento de Muestero: Final de la jornada laboral Indicador Biológico: Ácido butoxiacético
IBE (Italy)	200 mg/g creatinina Campioni: urine Momento del prelievo: a fine turno Indicatore biologico: Acido butossiacetico

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IBE (Portugal)	200 mg/g creatinina Amostra: urina Momento da amostragem: Fim do turno Indicador biológico: Ácido butoixacético (BAA)
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CAS No.	Designation of material	%	Type	Value	Unit
<b>CAS: 111-76-2 2-butoxyethanol</b>					
IOELV (European Union)	Short-term value: 246 mg/m <sup>3</sup> , 50 ppm Long-term value: 98 mg/m <sup>3</sup> , 20 ppm Skin				
AGW (Germany)	Long-term value: 49 mg/m <sup>3</sup> , 10 ppm 2(l);EU, DFG; H, Y				
GV (Denmark)	Long-term value: 98 mg/m <sup>3</sup> , 20 ppm EH				
LEP (Spain)	Short-term value: 245 mg/m <sup>3</sup> , 50 ppm Long-term value: 98 mg/m <sup>3</sup> , 20 ppm vía dérmica, VLI, VLB				
TWA (Italy)	Long-term value: 97 mg/m <sup>3</sup> , 20 ppm A3, IBE				
VL (Italy)	Short-term value: 246 mg/m <sup>3</sup> , 50 ppm Long-term value: 98 mg/m <sup>3</sup> , 20 ppm Pelle				
VLE (Portugal)	Long-term value: 20 ppm A3; IBE, Irritação ocular e do TRS				
OEL (Sweden)	Short-term value: 246 mg/m <sup>3</sup> , 50 ppm Long-term value: 50 mg/m <sup>3</sup> , 10 ppm H				
HTP (Finland)	Short-term value: 250 mg/m <sup>3</sup> , 50 ppm Long-term value: 98 mg/m <sup>3</sup> , 20 ppm iho				

**Additional information:**

The applicable TRGS 900 (MAK list) was used as the basis for the preparation and/or revision of this safety data sheet.

**8.2 Exposure controls****Personal protective equipment:****General protective and hygienic measures:**

The usual precautionary measures are to be adhered to when handling chemicals.

Avoid contact with the eyes and skin.

Wash hands before breaks and at the end of work.

Use a moisturising skin cream after processing the product.

**Respiratory protection:** Not necessary if room is well-ventilated.

**Protection of hands:** Protective gloves.

**Material of gloves**

The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a mixture 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.

**Eye protection:** Tightly sealed goggles

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Body protection: Protective work clothing.

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### SECTION 9: Physical and chemical properties

#### 9.1 Information on basic physical and chemical properties

##### General Information

##### Appearance:

Form:	Liquid
Colour:	According to product specification
Odour:	Uncharacteristic.
Odour threshold:	Not determined.

pH-value: Not applicable.

##### Change in condition

Melting point/freezing point:	Undetermined.
Initial boiling point and boiling range:	Undetermined.

Flash point: &gt; 65 °C

Flammability (solid, gas): Not applicable.

Ignition temperature: Not determined.

Decomposition temperature: Not determined.

Auto-ignition temperature: Product is not selfigniting.

Explosive properties: Product does not present an explosion hazard.

##### Explosion limits:

Lower:	Not determined.
Upper:	Not determined.

Oxidising properties: Not determined.

Vapour pressure: Not determined.

Density: Not determined

Bulk density:	1.4+/-0.1 kg/l
Relative density	Not determined.
Vapour density	Not determined.
Evaporation rate	Not determined.

Solubility in / Miscibility with Water: Soluble

##### Segregation coefficient (n-octanol/water) log

Pow: Not determined.

##### Viscosity:

dynamic:	Not determined.
kinematic:	Not determined.

Solvent separation test: Not applicable.

#### 9.2 Other information

No further relevant information available.

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### SECTION 10: Stability and reactivity

**10.1 Reactivity** No further relevant information available.

**10.2 Chemical stability** Stable at recommended storage conditions

**Thermal decomposition / Conditions to be avoided:** Stable at environment temperature.

**10.3 Possibility of hazardous reactions**

Toxic fumes may be released if heated above the decomposition point

**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 toxicological effects**

**Acute toxicity** Based on available data, the classification criteria are not met.

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

Components	Type	Value	Species
<b>CAS: 111-76-2 2-butoxyethanol</b>			
Oral	LD50	1,746 mg/kg	(Rat)
Dermal	LD50	>2,000 mg/kg	(Rabbit)
Inhalative	LC50/4 h	2-20 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.

**CMR effects (carcinogenity, 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.

### SECTION 12: Ecological information

**12.1 Toxicity**

**Aquatic toxicity:** No further relevant information available.

Type of test	Effective concentration	Method	Assessment
<b>CAS: 111-76-2 2-butoxyethanol</b>			
LC50/96h	1,400 mg/l	(Fish)	
EC50/48h	1,550 mg/l	(Daphnia magna)	
EC50/72h	623 mg/l	(Algae)	
NOEC (21d)	100 mg/l	(Fish)	
EC 10/16h	>700 mg/l	(Pseudomonas putida (Bacteria))	

**12.2 Persistence and degradability** No further relevant information available.

**12.3 Bioaccumulative potential** No further relevant information available.

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**Behaviour in environmental systems:**

**12.4 Mobility in soil** No further relevant information available.

**Additional ecological information:**

**General notes:** Not known to be hazardous to water.

**12.5 Results of PBT and vPvB assessment**

**PBT:** Does not contain PBT substances.

**vPvB:** Does not contain vPvB substances.

**12.6 Other adverse effects** No further relevant information available.

### SECTION 13: Disposal considerations

**13.1 Waste treatment methods**

**Recommendation**

Dispose of the product in accordance with national and local regulations.

Must not be disposed together with household garbage. Do not allow product to reach sewage system.

Do not abandon the product and/or the container but dispose the contents/container in a waste collection point.

**European waste catalogue**

Possible waste code. The concrete waste code depends on the source of the waste.

**Uncleaned packaging:**

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

### 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:**

Not applicable.

**14.6 Special precautions for user**

Not applicable.

**14.7 Transport in bulk according to Annex II of Marpol and the IBC Code**

Not applicable.

**UN "Model Regulation":**

Void

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### SECTION 15: Regulatory information

#### 15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

Regulation (EC) No 1907/2006 (REACH) (Candidate List, Annexes XIV and XVII)

Regulation (EC) No 1272/2008 (CLP)

Directive 2004/42/CE (VOC), cf. section 9

D.Lgs. 81/2008 (Testo unico in materia di tutela della salute e della sicurezza nei luoghi di lavoro) e successive modifiche e Direttiva 2009/161/UE

#### Directive 2012/18/EU

**Named dangerous substances - ANNEX I** 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.

H312 Harmful in contact with skin.

H315 Causes skin irritation.

H319 Causes serious eye irritation.

H332 Harmful if inhaled.

**Department issuing SDS:** Direction technics

**Contact:** Monica Menozzi; tel: +39-0536-837215

#### Abbreviations and acronyms:

ADR: Accord européen sur le transport 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

IATA-DGR: Dangerous Goods Regulations by the "International Air Transport Association" (IATA)

ICAO: International Civil Aviation Organisation

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)

DNEL: Derived No-Effect Level (REACH)

LC50: Lethal concentration, 50 percent

LD50: Lethal dose, 50 percent

PBT: Persistent, Bioaccumulative and Toxic

SVHC: Substances of Very High Concern (REACH regulation)

vPvB: very Persistent and very Bioaccumulative

Acute Tox. 4: Acute toxicity - oral - Category 4

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

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