

## 1. Product identifier and identity for the chemical

### Product identifier

Trade name: Swiss GriP Non-Slip PRO Part A

### Recommended use of the chemical and restrictions on use

General use: Coating agent

### Suppliers name, address and phone number

Company name: Grip Safety Coatings AG

Street/POB-No.: Aahusweg 16

Postal Code, city: 6403 Küsnacht am Rigi

Switzerland

WWW: [www.grip-antislip.com](http://www.grip-antislip.com)

E-mail: [info@grip-antislip.com](mailto:info@grip-antislip.com)

Telephone: +41 / 41 / 726 20 80

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Department responsible for information:

[info@gip-antislip.com](mailto:info@gip-antislip.com)

Additional information:

Importer:

Swiss GriP Australia Pty Ltd,

448 City Road

South Melbourne, VIC 3205

Australia

Tel. +61 (0)3 7020 2041

[swissgrip.com.au](http://swissgrip.com.au)

### Emergency phone number

Australia – 1800 033 111

Tox-Zentrum Zürich, +41 / 44 / 251 51 51, or 145

## 2. Hazard Identification

### Classification of the hazardous chemical

#### GHS classification

This mixture is classified as not hazardous.

### Label elements

Hazard statements: not applicable

Precautionary statements: not applicable

### Other hazards which do not result in classification

Special danger of slipping by leaking/spilling product.

### 3. Composition/information on ingredients

#### Mixtures

Hazardous ingredients:

CAS No.	Designation	Concentration	Classification
CAS 107-98-2	1-Methoxy-2-propanol	< 3 %	Flammable liquid - Category 3. Specific target organ toxicity (single exposure) - Category 3.
CAS 108-65-6	2-Methoxy-1-methylethyl acetate	< 2.5 %	Flammable liquid - Category 3.
CAS 111-76-2	2-butoxyethanol	< 2.5 %	Acute toxicity - oral - Category 4. Acute toxicity - dermal - Category 4. Acute toxicity - inhalation - Category 4. Skin irritation - Category 2. Eye irritation - Category 2A.
CAS 108-01-0	2-Dimethylaminoethanol	< 1 %	Flammable liquid - Category 3. Acute toxicity - oral - Category 4. Acute toxicity - dermal - Category 4. Acute toxicity - inhalation - Category 3. Skin corrosion - Category 1B. Specific target organ toxicity (single exposure) - Category 3.
CAS 68439-49-6	Alcohols, C16-18, ethoxylated	< 0.25 %	Acute toxicity - oral - Category 4. Eye irritation - Category 2A. Aquatic toxicity - acute - Category 1 (M-factor = 1).

Additional information: Contains Talcum, 2-butoxyethanol ethylene glycol monobutyl ether butyl cellosolve and silicon dioxide (Quartz (SiO<sub>2</sub>)). The maximum workplace exposure limits are, where necessary, listed in section 8.

### 4. First Aid Measures

#### Description of necessary first aid measures

General information:	If unconscious and breathing is OK, place in the recovery position and seek medical advice.
In case of inhalation:	Move victim to fresh air; if necessary, provide artificial respiration or oxygen. Seek medical treatment in case of troubles.
Following skin contact:	Immediately wipe affected skin area with paper towel or cloth. Thoroughly wash skin with soap and water. Take off contaminated clothing and wash it before reuse. In case of skin irritation, consult a physician. Avoid strong ultraviolet radiation.
After eye contact:	Immediately flush eyes with plenty of flowing water for 10 to 15 minutes holding eyelids apart. Remove contact lenses, if present and easy to do. Continue rinsing. Subsequently consult an ophthalmologist. Avoid strong ultraviolet radiation.
After swallowing:	Never give anything by mouth to an unconscious person. Rinse mouth. Do not induce vomiting. Immediately get medical attention.

## Symptoms caused by exposure

After contact with skin:

Repeated or prolonged contact with the preparation may cause removal of natural fat from the skin resulting in non-allergic contact dermatitis and/or absorption through skin.

After eye contact: Liquid splashes can lead to irritations of the eyes.

## Medical Attention and Special Treatment

Treat symptomatically.

## 5. Fire Fighting Measures

### Suitable extinguishing media

Water mist, alcohol resistant foam, extinguishing powder, carbon dioxide.

Extinguishing media which must not be used for safety reasons:

Full water jet

### Specific hazards arising from the chemical

May form dangerous gases and vapours in case of fire. Furthermore, there may develop: Nitrogen oxides (NO<sub>x</sub>), carbon monoxide and carbon dioxide.

### Special protective equipment and precautions for fire fighters

Special protective equipment for firefighters:

Wear self-contained positive pressure breathing apparatus and full firefighting protective clothing.

Additional information: Hazchem-Code: -

Use water spray jet to knock down vapours. Move container away or cool with water from a protected position. Do not breathe fumes. Do not allow fire water to penetrate into surface or ground water.

## 6. Accidental release measures

### Personal precautions, protective equipment and emergency procedures

Provide adequate ventilation. Do not breathe vapours or spray mist. Wear appropriate protective equipment. Take off contaminated clothing and wash it before reuse.

### Environmental precautions

Do not allow to penetrate into soil, waterbodies or drains. If necessary notify appropriate authorities.

### Methods and material for containment and cleaning up

Soak up with absorbent materials such as sand, siliceus earth, acid- or universal binder. Store in special closed containers and dispose of according to ordinance. Clean using cleansing agents. Do not use solvents.

Additional information: Special danger of slipping by leaking/spilling product.

## 7. Handling and Storage

### Precautions for safe handling

Advices on safe handling: Provide adequate ventilation, and local exhaust as needed. Do not breathe vapours or spray mist.  
 Wear appropriate protective equipment. Take off contaminated clothing and wash it before reuse.  
 Do not eat, drink or smoke when using this product. Wash hands thoroughly after handling. Persons with a history of skin sensitisation problems should not be employed in any process in which this product is used.

Precautions against fire and explosion:  
 Keep away from sources of ignition and heat.

### Conditions for safe storage, including any incompatibilities

Requirements for storerooms and containers:  
 Store in well closed containers in a cool, dry, well-ventilated area. Store carefully closed containers upright to prevent any leaks. Keep only in original container.  
 Storage temperature: 5 °C up to 20 °C. Protect from sunlight.

Hints on joint storage: Do not store together with oxidizing agents, strong acids or strong bases. Do not store together with food.

## 8. Exposure controls/personal protection

### Control parameters

Occupational exposure limit values:

CAS No.	Designation	Type	Limit value
14807-96-6	Talcum	Australia: OEL-TWA	2.5 mg/m <sup>3</sup>
107-98-2	1-Methoxy-2-propanol	Australia: OEL-STEL	553 mg/m <sup>3</sup> ; 150 ppm
		Australia: OEL-TWA	369 mg/m <sup>3</sup> ; 100 ppm
7631-86-9	Silicon dioxide	Australia: OEL-TWA	2 mg/m <sup>3</sup>
108-65-6	2-Methoxy-1-methylethyl acetate	Australia: OEL-STEL	548 mg/m <sup>3</sup> ; 100 ppm (may be absorbed through the skin)
		Australia: OEL-TWA	274 mg/m <sup>3</sup> ; 50 ppm (may be absorbed through the skin)
111-76-2	2-butoxyethanol	Australia: OEL-STEL	242 mg/m <sup>3</sup> ; 50 ppm (may be absorbed through the skin)
		Australia: OEL-TWA	96.9 mg/m <sup>3</sup> ; 20 ppm (may be absorbed through the skin)
108-01-0	2-Dimethylaminoethanol	Australia: OEL-STEL	22 mg/m <sup>3</sup> ; 6 ppm
		Australia: OEL-TWA	7.4 mg/m <sup>3</sup> ; 2 ppm
14808-60-7	Silicon dioxide (Quartz (SiO <sub>2</sub> ))	Australia: OEL-TWA	0.05 mg/m <sup>3</sup>

### Appropriate engineering controls

Provide adequate ventilation, and local exhaust as needed.

## Personal protective equipment (PPE)

### Occupational exposure controls

Respiratory protection: Respiratory protection must be worn according to AS/NZS 1715 and AS/NZS 1716 whenever the WEL levels have been exceeded. The filter class must be suitable for the maximum contaminant concentration (gas/vapour/aerosol/particulates) that may arise when handling the product.

Hand protection: Protective gloves according to AS/NZS 2161.

Eye protection: Tightly sealed eye protectors according to AS/NZS 1337.

Body protection: Wear suitable protective clothing.

General protection and hygiene measures:

Do not breathe vapours or spray mist. When using do not eat, drink or smoke. Take off contaminated clothing and wash it before reuse. After work, wash hands and face.

### Environmental exposure controls

Refer to 6.: Section "Environmental precautions".

## 9. Physical and chemical properties

### Information on basic physical and chemical properties

Appearance:	Physical state at 20 °C and 101.3 kPa: liquid Colour: Varying, depends on colouring.
Odour:	not applicable
Odour threshold:	No data available
pH:	8
Melting point/freezing point:	No data available
Initial boiling point and boiling range:	(derived) 100 °C
Flash point/flash point range:	not applicable
Evaporation rate:	No data available
Flammability:	No data available
Explosion limits:	LEL (Lower Explosion Limit): not applicable UEL (Upper Explosive Limit): not applicable
Vapour pressure:	No data available
Vapour density:	No data available
Density:	at 20 °C: approx. 1.1 g/mL
Water solubility:	completely soluble
Partition coefficient: n-octanol/water:	No data available
Auto-ignition temperature:	not self-igniting
Decomposition temperature:	No data available

### Additional information

Viscosity, dynamic:	5500 mPa*s
Volatile organic compounds content (VOC):	7 % by weight

## 10. Stability and Reactivity

Reactivity: Polymerization can occur under certain conditions.

Chemical stability:	Stable under recommended storage conditions.
Possibility of hazardous reactions:	May undergo uncontrolled exothermic polymerization upon contact with peroxides, reactive metals, strong alkaline material and radical former.
Conditions to avoid:	Keep away from heat. Conditions to avoid: Strong ultraviolet radiation.
Incompatible materials:	Strong oxidizing agents, strong acids, strong alkalis, peroxides and Metals.
Hazardous decomposition products:	No hazardous decomposition products when regulations for storage and handling are observed.
Thermal decomposition:	No data available

## 11. Toxicological information

### Information on toxicological effects

Toxicological effects:	Acute toxicity (oral): Lack of data.
	Acute toxicity (dermal): Lack of data.
	Acute toxicity (inhalative): Lack of data.
	Skin corrosion/irritation: Lack of data.
	Serious eye damage/irritation: Lack of data.
	Sensitisation to the respiratory tract: Lack of data.
	Skin sensitisation: Lack of data.
	Germ cell mutagenicity/Genotoxicity: Lack of data.
	Carcinogenicity: Lack of data.
	Reproductive toxicity: Lack of data.
	Effects on or via lactation: Lack of data.
	Specific target organ toxicity (single exposure): Lack of data.
	Specific target organ toxicity (repeated exposure): Lack of data.
	Aspiration hazard: Lack of data.

### Symptoms

After contact with skin:  
Repeated or prolonged contact with the preparation may cause removal of natural fat from the skin resulting in non-allergic contact dermatitis and/or absorption through skin.  
After eye contact: Liquid splashes can lead to irritations of the eyes.

## 12. Ecological information

### Ecotoxicity

Further details: No data available

### Persistence and degradability

Further details: No data available

**Bioaccumulative potential**

Partition coefficient: n-octanol/water:

No data available

**Mobility in soil**

No data available

**Other adverse effects**

General information: Do not allow to enter into ground-water, surface water or drains.

**13. Disposal considerations****Waste treatment methods****Product**

Recommendation: Dispose of waste according to applicable legislation.

**Package**Recommendation: Dispose of waste according to applicable legislation.  
Handle contaminated packages in the same way as the substance itself.  
Non-contaminated packages may be recycled.**14. Transport information****Land transport (ADG)**

Product designation: Not restricted

**Sea transport (IMDG)**

Proper shipping name: Not restricted

Marine pollutant: no

**Air transport (IATA)**

Proper shipping name: Not restricted

**Further information**

No dangerous good in sense of these transport regulations.

**Hazchem-Code:**

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**15. Regulatory information****National regulations - Australia**

AICS: All ingredients are listed or exempt from listing.

**Further regulations, limitations and legal requirements**

No data available

## 16. Other information

Abbreviations and acronyms:

ADN: European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways

ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road

OEL: Occupational Exposure Limit Value

AS/NZS: Australian Standards/New Zealand Standards

CAS: Chemical Abstracts Service

CFR: Code of Federal Regulations

CLP: Classification, Labelling and Packaging

DMEL: Derived minimal effect level

DNEL: Derived no-effect level

EC: European Community

EN: European Standard

IATA: International Air Transport Association

IBC Code: International Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk

IMDG Code: International Maritime Dangerous Goods Code

LEL: Lower Explosion Limit

MARPOL: Maritime Pollution: The International Convention for the Prevention of Pollution from Ships

M-factor: Multiplication factor

OSHA: Occupational Safety and Health Administration

PBT: Persistent, bioaccumulative and toxic

PNEC: Predicted no-effect concentration

RID: Regulations Concerning the International Carriage of Dangerous Goods by Rail

TLV: Threshold Limit Value

TSCA: Toxic Substance Control Act

UV: Ultraviolet

vPvB: Very persistent and very bioaccumulative

WEL: Workplace Exposure Limit

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**Department issuing data sheet**

Contact person: see section 1: Department responsible for information

The information in this data sheet has been established to our best knowledge and was up-to-date at time of revision. It does not represent a guarantee for the properties of the product described in terms of the legal warranty regulations.

