SECTION 1. Identification of the substance/preparation and of the company/undertaking

1.1 Product identifier

Name	**AMPHIBIA 3000 GRIP**

1.2. Identified relevant uses of the substance or mixture and non-recommended uses

Description/Use	**Waterproofing membrane self-gripping to concrete**

1.3. Supplier information of the safety data sheet

Company Name	**VOLTECO Spa**
Address	**Via delle Industrie, 47**
District and Country	**31050 Ponzano Veneto (TV) – IT**
Telephone	**+39 0422 9663**
Fax	**+39 0422 966401**
e-mail address of the person in charge of the safety data sheet	**volteco@volteco.it**

1.4. Emergency telephone number

For urgent enquiries, please contact	**+39 0422 9663**

SECTION 2. Hazards identification

2.1 Classification of the substance or mixture

Based on EC Regulation 1272/2008 the product is not classified as hazardous.

2.2 Label elements

No labeling required.

2.3 Other hazards

The product can become slippery on the surface when in contact with water or moisture.

SECTION 3. Composition/information on ingredients

3.1 Substance/Mixture

The product does not contain substances classified as hazardous to health or the environment pursuant to the provisions of EC Regulation No. 1272/2008 (CLP) as amended and adjustments in quantities that require the declaration.

3.2 Mixture

Mixture of polymers, plasticisers, mineral fillers, carbon black, organic and inorganic additives.
Hazardous components: this product does not contain any dangerous ingredients in quantities large enough to have to be reported in this section, according to the provisions of EU or national regulations.
Information on the hazardous ingredients/components pursuant to the provisions of EC Regulation no. 1272/2008 (CLP)

Name	CAS	EINECS	Conc. %	Classification 1272/2008/EC
Ethylene, polypropylene, ENB terpolymer	-	-	40<=C<60	-
Acrylic amide/acrylic acid salt copolymer	31212-13-2	-	10<=C<20	-
Calcium carbonate	471-34-1	207-439-9	20<=C<30	-
Zinc stearate	557-05-1	-	1<=C<4	-

Additional information

None.

SECTION 4. First aid measures

Make sure that medical staff is informed of the involved materials and takes the necessary precautions to protect themselves.

4.1 Description of the first aid measures

Normally not necessary.

Contact with skin	Not considered dangerous for short periods. Handling is recommended wearing suitable gloves. Wash with water and soap.
Contact with eyes	Rinse with plenty of water. Remove any contact lenses. In case of irritation, call a doctor.
Swallowing	The product is rubbery solid and the possibility of accidental ingestion is unlikely. Ingestion causes

	problems related to the intake of a solid and insoluble foreign body. Immediately call a doctor. Induce vomiting only if indicated by the doctor. Never administer anything by mouth to an unconscious person unless authorised by the doctor.
Vapours inhalation	At normal/room handling temperature, no adverse effects from inhalation are expected. Vapours can be emitted only if the preparation is brought to a high temperature. If vapours are inhaled, take the affected person outdoors and perform CPR if breathing is blocked. If the symptoms persist, immediately call a doctor.

4.2 Main symptoms and effects, both acute and delayed
There is no specific information on the symptoms and effects of the product.

4.3 Indication of any immediate medical attention and special treatment needed
It is presumed that no special means are required for providing specific and immediate medical treatments in the workplace.

SECTION 5. Fire-fighting measures

General fire hazard
No particular fire or explosion risks are indicated.

5.1 Extinguishing agents

Suitable extinguishing agents	Jets of water spray, fire-prevention powder, CO_2, foam.
Unsuitable extinguishing agents	Direct water jets.

5.2 Special hazards arising from the substance or mixture
Avoid breathing combustion products.
Hazardous combustion products: flammable hydrocarbons, incomplete combustion products, carbon oxides, nitrogen oxides, smoke, fumes.

5.3 Recommendations for those in charge of putting out fires
Fire fighters must use standard protective equipment and, in closed spaces, self-contained breathing apparatus (SCBA). Use water spray to cool the surfaces exposed to fire and protect staff.
Prevent spillage or infiltration of fire fighting materials in waterways, sewers or drinking water supplies.

SECTION 6. Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures
Wear suitable protective equipment (including the personal protective equipment listed in Section 8 of the Safety Data Sheet) to prevent skin, eye and personal clothing contamination.
These statements apply for workmen and emergency interventions.
Since it is a non-dispersible solid, collection and recycling of the leaked product is facilitated.
The product can become slippery on the surface when in contact with water or moisture.

6.2 Environmental precautions
Prevent the product from entering the drains, surface water, ground water and confined areas.

6.3 Methods and materials for containment and cleaning up
Collect the leaked product and place it in containers for recycling or disposal.

6.4 Reference to other sections
See the warnings of Section 8.

SECTION 7. Handling and storage

7.1 Precautions for safe handling
See the warnings of Section 8 for the personal protective equipment.
Ventilate closed rooms, do not move products near to sources of ignition.
Observe personal hygiene measures.
Do not eat or drink in the workplace.

7.2 Conditions for safe storage, including any incompatibility
Store in the original container, firmly closed.
Store in a cool and well-ventilated place, away from sources of heat, naked flames, sparks and other sources of ignition.
Keep away from incompatible materials (see Section 10 of the safety data sheet).
Keep in suitably ventilated rooms that are protected from the weather in order to preserve the technological qualities of the product.

7.3 Specific end uses
No other information is available.

SECTION 8. Exposure control/personal protection

8.1 Control parameters

Occupational exposure limit

Description	Type	State	TWA/8 h	Source
-	-	-	mg/m³	-
Acrylic amide/acrylic acid salt copolymer	TWA (Inhalable)	-	10	OEL Italy DLgs. 81/08
	TWA (Respirable)	-	3	
Polyethylene	TWA (Inhalable)	-	10	OEL Italy DLgs. 81/08
	TWA (Respirable)	-	3	
Zinc stearate	TWA (Inhalable)	-	10	OEL Italy DLgs. 81/08
	TWA (Respirable)	-	4	

8.2 Exposure controls

Misure precauzionali e provvedimenti di natura tecnica da adottare durante l'uso onde ridurre al minimo l'esposizione del lavoratore. In condizioni normali a temperatura ambiente ed in osservanza delle precauzioni indicate per la manipolazione vedere Sezione 7.
The product does not present any health risks.
Since volatile substances can be released during hot processing, adequate precautions must be taken (localised capturing systems, general room ventilation, forced air extraction system, as needed) in order to minimise possible emissions in the work environment.

Personal protective equipment

Hand protection	Protective gloves against chemical agents (EN 374).
Eye protection	Wear safety goggles if there is a possibility of contact (projection of solid material, dusts or vapours).
Skin protection	Standard work clothes.
Respiratory protection	Not necessary when there are no powders or vapours.

Environmental exposure controls

Protect the environment by applying the appropriate control measures to prevent or limit emissions.

SECTION 9. Physical and chemical properties

9.1 Information on the basic physical and chemical properties

Description	Values
Physical state	Solid in roll
Colour	Black
Odour	Type of polymers
pH	Not relevant
Initial boiling point	Not available
Melting point	> 120 °C
Flash point	Not available
Vapour pressure	Not available
Density	0.9 - 1.2 g/cm³
Solubility in water	Not soluble in water

SECTION 10. Stability and reactivity

10.1 Reactivity

There is no known hazardous reaction if used in normal conditions.

10.2 Chemical stability

Stable under normal conditions.

10.3 Possibility of hazardous reactions

A dangerous polymerization will not occur.

10.4 Conditions to be avoided

Temperatures higher than 60 °C, direct solar irradiation and contact with sources of heat.

10.5 Incompatible materials

Information not available.

10.6 Hazardous decomposition products
The material does not decompose at room temperature.

SECTION 11. Toxicological information

11.1 Information on toxicological effects
This material does not release dangerous substances under normal conditions of use.
Pertaining to the characteristics and percentages of the products contained therein, there are no particular problems to human health during normal handling.
It is nevertheless advisable not to grind the material without using the appropriate measures to control exposure (Section 8).
Adequate ventilation of all operating areas is recommended.

Contact with skin	Acute toxicity: No final data for this material. Skin corrosion/Skin irritation: No final data for this material.
Contact with eyes	Serious eye damage/Eye irritation: No final data for this material.
Inhalation	Acute toxicity: No final data for this material. Irritation: No final data for this material.
Swallowing	Acute toxicity: No final data for this material.
Sensitisation	Respiratory sensitisation: No final data for this material. Skin sensitisation: No final data for this material.
Inhalation	No final data for this material.
Germ cell mutagenicity	No data on target organs for this material.
Carcinogenicity	No data on target organs for this material.
Toxic for system reproduction	No data on target organs for this material.
Lactation	No data on target organs for this material.
Specific toxicity for target organs (STOT)	Single exposure: No data on target organs for this material. Repeated exposure: No data on target organs for this material.

SECTION 12. Ecological information

12.1 Ecotoxicity
No data available.

12.2 Persistence and degradability
No data available.

12.3 Bioaccumulative potential
Information not available.

12.4 Mobility in the soil
No data available.

12.5 Results of the PBT and vPvB evaluation
No data available.

12.6 Other adverse effects
No data available.

SECTION 13. Disposal considerations

Disposal recommendations are based on the material provided.
Dispose of in compliance with applicable laws and regulations and characteristics of the material at the time of disposal.

13.1 Waste processing methods
Possible methods for disposing of this product are incineration, preferably with energy recovery, or other appropriate methods in accordance with the applicable laws and regulations, and with the characteristics of the material at the time of disposal.
European Waste Code: 07 02 13
Notes: These codes are assigned based on the most common uses of this material and may not take into consideration the contaminants resulting from actual use.
Who produces waste must assess the process actually used when generating waste and its contaminants in order to assign the most appropriate waste code.

SECTION 14. Transport information

The product is not classified as dangerous in accordance with the provisions in force concerning transport of dangerous goods by road (ADR) and by Rail (RID), by sea (IMDG Code) and by air (IATA).

SECTION 15. Regulatory information

15.1 Specific standards and regulations on health, safety and environment for the substance or mixture
Applicable EC Directives and Regulations
REACH (EC)1907/2006: Registration, Evaluation, Authorisation and Restriction of Chemicals as amended.
CLP (EC)1272/2008: Classification and Labelling of substances and mixtures and subsequent updates.

15.2 Chemical safety assessment
No chemical safety assessment has been conducted for the mixture and the substances contained in it.

SECTION 16. Other information

Abbreviations and acronyms
- ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road
- CAS NUMBER: Chemical Abstract Service NUMBER
- CE50: Concentration that causes effect to 50% of the population subjected to a test
- CE NUMBER: Identification NUMBER in ESIS (European archive of existing substances)
- CLP: Classification, Labelling, Packaging (EC Regulation No. 1272/2008)
- DNEL: Derived no effect level
- EmS: Emergency Schedule
- GHS: Global harmonised system to classify and label Chemical products
- IATA DGR: Regulations to transport Dangerous Goods of the International Air transport Association
- IC50: Concentration that immobilises 50% of the population subjected to a test
- IMDG: International maritime code for transport of Dangerous Goods
- IMO: International maritime Organization
- INDEX NUMBER: INDEX NUMBER of Annex VI of the CLP
- LC50: Lethal concentration for 50% of the test population
- LD50: Lethal dose for 50% of the test population
- OEL: EU occupational exposure limit value
- PBT: Persistent bioaccumulative and toxic according to REACH
- PEC: Predicted environmental concentration
- PEL: Predictable exposure level
- PNEC: Predicted no-effect concentration
- REACH: EC Regulation 1907/2006
- RID: Regulations concerning the International Carriage of Dangerous Goods by Rail
- TLV: occupational exposure threshold limit value
- TLV CEILING: concentration that must Not be exceeded during any time of working exposure
- TWA: 8-hour time-weighted average exposure limit
- TWA STEL: Short time exposure limit
- VOC: Volatile organic compound
- vPvB: Very Persistent and Very bioaccumulative according to REACH

GENERAL BIBLIOGRAPHY:
- EC Regulation No. 1907/2006 of the European Parliament (REACH)
- EC Regulation No. 1272/2008 of the European Parliament (CLP)
- EC Regulation No. 790/2009 of the European Parliament (I Atp. CLP)
- EC Regulation No. 453/2010 of the European Parliament
- EC Regulation No. 286/2011 of the European Parliament (II Atp. CLP)
- The Merck Index. Ed. 10
- Handling Chemical Safety
- Niosh - Registry of Toxic Effects of Chemical Substances
- INRS - Fiche Toxicologique
- Patty - Industrial Hygiene and Toxicology
- N.I. Sax - Dangerous properties of Industrial Materials - 7 Ed., 1989
- ECHA Agency website

Note for the user
The information contained in this data sheet is based on the knowledge available to us at the date of the last version.
The user must verify the suitability and completeness of the information according to each specific use of the product.

This document must not be considered a guarantee of any specific property of the product.
Since product use is not subject to our direct control, the user is obliged, under his own responsibility, to comply with the health and safety regulations and laws in force. We accept no responsibility for improper use.
We accept no responsibility for improper use.
Provide adequate training to people in charge of using chemical products.