



VOLTECO Spa

AMPHIBIA LAP SEAL

Revision n. 0.0
Revision date 15/04/2019
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SECTION 1. Identification of the substance/preparation and of the company/undertaking

1.1 Product identifier

Name **AMPHIBIA LAP SEAL**

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

Description/Use **Sealing tape based on butyl rubber and PP**

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

CLP labelling:

Hazard phrases Not relevant
Precautionary phrases Not relevant

2.3 Other hazards

Slipping hazard due to loose tapes.

During processing, e.g. during cutting, sawing or sanding, particles and dust may be formed.

Contact with dust may cause mechanical irritation of the eyes.

Inhaling the dust can cause irritation of the respiratory system.

Results of the PBT and vPvB evaluation

This substance does not fulfil the PBT/vPvB requirements of Reach, Annex XIII.

SECTION 3. Composition/information on ingredients

3.1 Substance/Mixture

Mixture Chemical characterisation:
Sealant based on butyl rubber and polypropylene

SECTION 4. First aid measures

4.1 Description of the first aid measures

Dust lifting Rinse mouth thoroughly with water. Seek medical attention, if the irritation persists.
Contact with skin Immediately wash with water and soap and rinse thoroughly. If the skin irritation persists, seek medical attention. After contact with the cast product, quickly cool the affected area of skin with cold water. Cooling must continue during transport.
Contact with eyes Wash with plenty of running water for 10/15 minutes with the eyelids open. In case of persistent problems or symptoms, consult an ophthalmologist.
Swallowing The product is rubbery solid and the possibility of accidental ingestion is unlikely.
Inhalation IN CASE OF INHALATION: move the victim to fresh air and keep at rest in a comfortable position for breathing. In case of difficulty breathing request medical assistance.

4.2 Main symptoms and effects, both acute and delayed

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

During processing, e.g. during cutting, sawing or sanding, particles and dust may be formed.

Contact with dust may cause mechanical irritation of the eyes.

Inhaling the dust can cause irritation of the respiratory system.



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4.3 Indication of any immediate medical attention and special treatment needed

Treat the symptoms.

SECTION 5. Fire-fighting measures

5.1 Extinguishing agents

Suitable extinguishing agents Water spray, foam, extinguishing powder, carbon dioxide.

Unsuitable extinguishing agents Water spray

5.2 Special hazards arising from the substance or mixture

The material is combustible but not easily ignitable.

In the event of a fire, the following may occur: Smoke, soot, carbon monoxide and carbon dioxide.

5.3 Recommendations for those in charge of putting out fires

Requested special protective equipment Wear a self-contained breathing apparatus and fireproof clothing.

Additional information Cool containers threatened by fire with water spray. Prevent the water used to extinguish the fire from entering surface waters or groundwater.

SECTION 6. Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Avoid the formation of dust. Avoid inhaling and contact with skin and eyes. Wear suitable protective clothing. Keep people not suitably protected away.

Ensure adequate ventilation, especially indoors.

6.2 Environmental precautions

Prevent it from penetrating ground, surface and rain water.

6.3 Methods and materials for containment and cleaning up

Collect mechanically or store in suitable containers for disposal.

6.4 Reference to other sections

Also see Paragraph 8 and 13.

SECTION 7. Handling and storage

7.1 Precautions for safe handling

To avoid thermal decomposition, do not overheat.

Make sure there is adequate ventilation in the workplace.

Prevent the formation of vapours/aerosols.

Avoid inhaling dust or vapours.

Avoid contact with skin and eyes.

Wear protective equipment.

Keep unprotected people away.

Do not eat, drink or smoke when handling the product.

7.2 Conditions for safe storage, including any incompatibility

Requirements for storage environments and containers Store in a cool and dry place. Do not freeze.

Storage tips Do not store with oxidizing or pyrophoric materials or with easily flammable solids. Storage class: 11 = solid fuels

7.3 Specific end uses

No information.

SECTION 8. Exposure control/personal protection

8.1 Control parameters

Exposure limit values

Valid for: GERMANY

Description	-	mg/m ³	Type	Shape
Dust limit	DFG	2,4	Short-time	Inhalable fraction
Dust limit	DFG	0,3	Long term	Inhalable fraction

Description	-	mg/m ³	Type	Shape
Dust limit	DFG	4	Long term	Respirable fraction
Dust limit	TRGS 900	2,5	Short-time	Inhalable fraction
Dust limit	TRGS 900	20	Short-time	Respirable fraction
Dust limit	TRGS 900	1,25	Long term	Inhalable fraction
Dust limit	TRGS 900	10	Long term	Respirable fraction

8.2 Exposure controls

Provide good ventilation and/or if necessary install a system to extract fumes from the processing site.

Dust lifting

Use local and general ventilation.

8.3 Personal protective equipment

Occupational exposure controls

Hand protection	Wear appropriate safety gloves when processing large quantities of product. Safety gloves against mechanical hazards according to EN 388.
Eye protection	In case of subsequent processing (recommended): Protective goggles according to EN 166.
Respiratory protection	With good room ventilation, respiratory tract protection is not required. In case of subsequent processing: In case of strong dust lifting, use the respiratory protection. The filtration class of the respiratory protection must be strictly adequate to the maximum concentration of pollutants (gases/vapours/aerosols/particles) that may be formed during product handling. If the concentration is exceeded, an isolation device must be used.
General protection measures	To avoid thermal decomposition, do not overheat. Observe the usual safety measures for the manipulation of chemical substances. Wash hands before breaks and at the end of the work shift. When using the product do not drink, eat and smoke. During processing, avoid contact with skin, eyes and clothing. Do not inhale vapour and powder.

SECTION 9. Physical and chemical properties

9.1 Information on the basic physical and chemical properties

Description	Values
Physical state	Solid in roll
Odour	Characteristic
Colour	Grey
Olfactory threshold	No data available.
pH	No data available.
Melting or freezing point	Polypropylene: 160 °C Butyl 100-120 °C.
Boiling point	No data available.
Boiling range	No data available.
Flash point	Not applicable.
Flash point interval	Not applicable.
Flammability	No data available.
Evaporation speed	No data available.
Vapour pressure	Not relevant.
Density	1.2 g/cm ³
Solubility in water	Insoluble
Partition coefficient n-octanol/water	No data available.
Decomposition temperature	No data available.
Auto-ignition temperature	> 300 °C
Viscosity (kinematic)	No data available.
Explosive properties	The product is not explosive. Decomposition products are explosive.
Oxidising properties	No data available.

9.2 Other information

No data available.

SECTION 10. Stability and reactivity



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10.1 Reactivity

Refer to 10.3

10.2 Chemical stability

Stable if the storage conditions are observed.

10.3 Possibility of hazardous reactions

There are no hazardous reactions if handled and stored in observance of the instructions.

10.4 Conditions to be avoided

Protect against frost, heat and direct sunlight.

10.5 Incompatible materials

Strong oxidants and solvents.

10.6 Hazardous decomposition products

If heated to decomposition product may emit: toxic gases/vapours, smoke, carbon monoxide and carbon dioxide.

Thermal decomposition: No data available.

SECTION 11. Toxicological information

Acute toxicity (oral)	Based on the available data the classification criteria is not fulfilled.
Acute toxicity (skin)	Based on the available data the classification criteria is not fulfilled.
Acute toxicity (inhalation)	Based on the available data the classification criteria is not fulfilled.
Skin corrosion/irritation	Based on the available data the classification criteria is not fulfilled.
Serious eye injuries/serious eye irritations	Based on the available data the classification criteria is not fulfilled.
Respiratory tract sensitisation	Based on the available data the classification criteria is not fulfilled.
Skin sensitisation	Based on the available data the classification criteria is not fulfilled.
Cell genotoxicity/mutagenicity	Based on the available data the classification criteria is not fulfilled.
Carcinogenicity	Based on the available data the classification criteria is not fulfilled.
Toxic for reproduction	Based on the available data the classification criteria is not fulfilled.
Effects on lactation	Based on the available data the classification criteria is not fulfilled.
Specific toxicity for target organs (STOT) - Single exposure	Based on the available data the classification criteria is not fulfilled.
Specific toxicity for target organs (STOT) - Repeated exposure	Based on the available data the classification criteria is not fulfilled.
Hazard if inhaled	Based on the available data the classification criteria is not fulfilled.

Symptoms

According to our experience, the product is not harmful to health if handled correctly and used as intended.

During processing, e.g. during cutting, sawing or sanding, particles and dust may be formed.

Contact with dust may cause mechanical irritation of the eyes.

Inhaling the dust can cause irritation of the respiratory system.

SECTION 12. Ecological information

12.1 Toxicity

Risk class for water

No dangerous for water (n. Catalogue WGK 766)

General information

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

Due to its low water-solubility, the product can be almost completely mechanically separated in biological separation plants.

12.2 Persistence and degradability

The product is not biodegradable.

12.3 Bioaccumulative potential

Partition coefficient n-octanol/water: No data available

12.4 Mobility in the soil

No data available.

12.5 Results of the PBT and vPvB evaluation

This substance does not fulfil the PBT/vPvB requirements of Reach, Annex XIII.

12.6 Other adverse effects



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

SECTION 13. Disposal considerations

13.1 Waste processing methods

Product

Waste code	08 4 10: waste of adhesives and sealants other than those indicated in 08 04 09.
Recommendations	Disposal must be performed through an authorised facility, in compliance with national and local regulations. Prevent the release of large quantities in water or drains.

13.2 Contaminated packaging

Waste code	Waste code 150101 - Paper and cardboard packaging Waste code 150002 - plastic packaging
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SECTION 14. Transport information

ADR/RID - ADN/RID IMDG IATA

-	ADR/RID - ADN/RID	IMDG	IATA
14.1 UN number	Not relevant.	Not relevant.	Not relevant.
14.2 UN Shipping name	Not limited.	Not limited.	Not limited.
14.3 Hazard classes	Not relevant.	Not relevant.	Not relevant.
14.4 Packaging groups	Not relevant.	Not relevant.	Not relevant.
14.5 Hazardous for the environment Marine Pollutant	No	No	No
14.6 Special precautions	Not dangerous.	Not dangerous.	Not dangerous.
Further information	Not available.	Not available.	Not available.
14.7 Bulk transport according to Annex II of MARPOL 73/78 and the IBC Code	N.A.	N.A.	N.A.

SECTION 15. Regulatory information

15.1 Labelling according to EU Regulation 1272/2008

National regulations:

Germany

Storage class

Do not store with oxidizing or pyrophoric materials or with easily flammable solids. Storage class: 11 = solid fuels

No dangerous for water (n. Catalogue WGK 766)

National regulations:

Member States CE

The product does not contain volatile organic substances.

VOC (Volatile carbon): 0

15.2 Chemical Safety Assessment

For this mixture a chemical safety assessment is not required.

SECTION 16. Other information

KEY:

- 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



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- 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 STEL: Short time exposure limit
- TWA: 8-hour time-weighted average 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. - 10th Edition
- 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.

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Provide adequate training to people in charge of using chemical products.