



VOLTECO Spa

Revision n. 6.0

Revision date 23/02/2021

CP1

Printed on 23/02/2021

Liquid component

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

1.1 Product identifier

Name CP1 Liquid component

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

Description/Use Adhesive and bonding agent for building material

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

Regulation EC No. 1272/2008 as amended

Non-hazardous substance or mixture according to EC Regulation No. 1272/2008.

2.2 Label elements

Special labelling

EUH208 May cause an allergic skin reaction.
Contains: Bronopol, CMIT/MIT mixture

2.3 Other hazards

Negative effects on health

Contact with skin Risk of skin sensitisation. May cause skin irritation.
Contact with eyes May cause eye irritation.
Swallowing Ingestion may cause irritation to mucous membranes.
Physical and chemical hazards Thermal decomposition in toxic products.
Decomposition products Refer to Chapter 10.
vPvB substances None.
PBT substances None.

SECTION 3. Composition/information on ingredients

3.1 Substance/Mixture

Product definition Aqueous dispersion of acrylic styrene copolymer

Hazardous components according to EC Regulation No. 1272/2008

Name	CAS	EINECS	Conc.	Classification 1272/2008/EC
CMIT/MIT	55965-84-9	611-341-5	< 0.0015%	Eye Dam. 1, H318 Acute Tox.3 (oral), H301 Acute Tox.3 (Inhal), H331 Acute Tox.3 (dermal), H311 Skin Corr. 1B. 2, H314 Skin Sens. 1, H317 Aquatic Acute 1, H400 Aquatic Chronic 1, H410 Factor M Acute = 1 Factor M Chronic = 1
Bronopol	52-51-7	200-143-0	< 0.01%	Acute Tox.4 (oral), H302 Acute Tox.4 (dermal), H312 Skin Irrit. 2, H315 Eye Dam. 1, H318

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Name	CAS	EINECS	Conc.	Classification 1272/2008/EC
				STOT SE 3, H335 Aquatic Acute 1, H400 Aquatic Chronic 2, H411 Fattore M Acuto = 10

SECTION 4. First aid measures

4.1 Description of the first aid measures

Contact with skin	Wash thoroughly with soap and water.
Contact with eyes	Wash immediately and thoroughly with water and seek medical attention.
Swallowing	Do not induce vomiting under any circumstances. SEEK MEDICAL ATTENTION IMMEDIATELY.
Inhalation	Move the victim to fresh air and keep warm and at rest.

4.2 Main symptoms and effects, both acute and delayed

Contact with eyes	The product may cause irritation.
Contact with skin	The product may cause irritation.
Inhalation	Thermal decomposition may lead to the production of irritating and toxic gases and vapours.
Swallowing	Ingestion may cause irritation to mucous membranes.

4.3 Indication of any immediate medical attention and special treatment needed

If symptoms persist, seek medical attention.

SECTION 5. Fire-fighting measures

5.1 Extinguishing agents

Suitable extinguishing agents	Use CO ₂ , and dry or foam chemical product.
Unsuitable extinguishing agents	Do not use a solid water stream as it may scatter and spread fire.

5.2 Special hazards arising from the substance or mixture

Do not inhale explosion and combustion gases.

Combustion produces heavy smoke.

Carbon oxides, gases and vapours potentially dangerous to health may be released due to thermal decomposition or in the event of fire.

5.3 Recommendations for those in charge of putting out fires

Use suitable breathing apparatus.

Collect the contaminated water used to extinguish the fire separately.

Do not dispose of it into the drains.

If it is feasible in terms of safety, remove undamaged containers from the imminent danger area.

SECTION 6. Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Wear personal protective equipment.

Move people to a safe place.

Refer to the protection measures in Points 7 and 8.

6.2 Environmental precautions

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

Collect contaminated wash water and dispose of it.

In the event of gas/vapour leakage or penetration into waterways, soil or drains, inform the responsible authorities.

Material suitable for collection: absorbing material, organic material, sand.

6.3 Methods and materials for containment and cleaning up

Wash with plenty of water.

6.4 Reference to other sections

Also see Paragraph 8 and 13.

SECTION 7. Handling and storage

7.1 Precautions for safe handling

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Provide adequate ventilation.
Avoid contact with skin and eyes; do not inhale vapours or mist.
Do not eat or drink whilst working.
Also refer to Paragraph 8 for the recommended protective equipment.

7.2 Conditions for safe storage, including any incompatibility

Protect against frost.
Sensitive to cold starting from +5 °C.
Keep away from food, beverages and feed.

Incompatible materials None in particular. Also refer to the next Paragraph 10.

Guidelines for local inhabitants Duly aerated rooms.

7.3 Specific end uses

No particular use.

SECTION 8. Exposure control/personal protection

8.1 Control parameters

There are no occupational exposure limits.
DNEL exposure limit values: N.A.
PNEC exposure limit values: N.A.

8.2 Exposure controls

Occupational exposure controls

Apply the technical measures necessary in order not to exceed the occupational exposure limit. If work is carried out in an enclosed space (tanks, containers, etc.), make sure that there is enough air to breathe and wear the recommended equipment.

Eye protection Not required for normal use. In any case, operate according to good work practices.

Skin protection No special precautions are required for normal use.

Hand protection Not required for normal use. For industrial hygiene purposes, it is recommended to use specific protection in the event of prolonged product handling.

Respiratory protection Not necessary for normal use.

Thermal risks None.

Environmental exposer control

The product must not get into sewers, watercourses or the soil.

SECTION 9. Physical and chemical properties

9.1 Information on the basic physical and chemical properties

Description	Values
Physical state	Liquid
Colour	White
pH	7-7,8
Melting or freezing point	Not available
Initial boiling point	Not available
Boiling range	100 °C
Flash point	Not flammable
Evaporation rate	Not available
Flammability of solids and gases	Not available
Upper flammability limit	Not available
Lower flammability limit	Not available
Lower explosivity limit	Not available
Upper explosivity limit	Not available
Vapour pressure	Not available
Vapour density	Not available
Apparent density	1 kg/l (23 °C)
Solubility	Mixable with water
Partition coefficient n-octanol/water	Not available



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Description	Values
Viscosity	500 - 2000 mPas (23°C)
Explosive properties	Not available
Oxidising properties	Not available
Decomposition temperature	Not available
Auto-ignition temperature	Not applicable.

9.2 Other information

SECTION 10. Stability and reactivity

10.1 Reactivity

Stable under normal conditions.

10.2 Chemical stability

Stable under normal conditions.

10.3 Possibility of hazardous reactions

None known.

10.4 Conditions to be avoided

Protect against frost and heat.

10.5 Incompatible materials

None in particular.

10.6 Hazardous decomposition products

Carbon oxides, gases and vapours potentially dangerous to health may be released due to thermal decomposition or in the event of fire.

SECTION 11. Toxicological information

11.1 Information on toxicological effects

Acute toxicity:

Swallowing	Ingestion may cause irritation to mucous membranes.
Inhalation	Thermal decomposition may lead to the production of irritating and toxic gases and vapours.

Local effects

Contact with eyes	Serious eye injury. Eye irritation. It can irritate the eyes.
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Unless specified otherwise, the data required by Regulation 453/2010/EC below is considered N.A.:

- a) acute toxicity;
- b) skin corrosion/irritation;
- c) serious eye injuries/serious eye irritations;
- d) respiratory or skin sensitisation;
- e) germ cell mutagenicity;
- f) carcinogenicity;
- g) toxicity for reproduction;
- h) specific toxicity for target organs (STOT) single exposure;
- i) specific toxicity for target organs (STOT) repeated exposure;
- j) risk if inhaled.

SECTION 12. Ecological information

12.1 Ecotoxicity

Use according to good work practices, avoiding release of the product in the environment.

12.2 Persistence and degradability

Inert polymer: Not biodegradable due to its structure.

12.3 Bioaccumulative potential

Information not available.

12.4 Mobility in the soil

Information not available.

12.5 Results of the PBT and vPvB evaluation

Information not available.



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12.6 Other adverse effects

Information not available.

SECTION 13. Disposal considerations

13.1 Waste processing methods

It must not be released into the environment.

Dispose of it in compliance with the European Directives on waste or hazardous waste.

According to the European waste catalogue, the waste codes are not specific to the product, but specific to the application.

The waste codes must be assigned by the user based on the application that this product was used for.

13.2 Contaminated packaging

Empty containers should be transported to an authorised recycling or disposal site.

SECTION 14. Transport information

14.1 Transport rules

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

EC Regulation No. 1907/2006 (REACH)

EC Regulation No. 1272/2008 (CLP)

EC Regulation No. 790/2009 (I Atp. CLP)

EU Regulation No. 453/2010 (Annex 1)

15.2 Chemical safety assessment

No chemical safety assessment has been conducted.

SECTION 16. Other information

Text of hazard (H) phrases mentioned in Sections 2-3 of the data sheet:

H301	Acute Tox. 3 (Oral)	Toxic if swallowed
H302	Acute Tox. 4 (Oral)	Harmful if swallowed
H311	Acute Tox. 3 (Dermal)	Toxic in contact with skin
H312	Acute Tox. 4 (Dermal)	Harmful in contact with skin.
H314	Skin Corr. 1B 2	Causes severe skin burns and eye damage
H315	Skin Irrit. 2	Causes skin irritation, Category 2
H317	Skin Sens. 1	Skin sensitisation - Category 1
H318	Eye Dam. 1	Causes serious eye damage, Category 1
H331	Acute Tox. 3 (Inhal)	Toxic if inhaled
H335	STOT SE 3	May irritate the respiratory tract.
H400	Aquatic Acute 1	Hazardous to the aquatic environment - Acute hazard, Category 2
H410	Aquatic Chronic 1	Very toxic to aquatic organisms
H411	Aquatic Chronic 2	Toxic to aquatic organisms with long-term effects

SAFETY DATA SHEET ON VOLUNTARY BASIS

The product is not classified as hazardous.

A safety data sheet is not required by the regulations in force.

We provide, on a voluntary basis, a safety data sheet compiled in accordance with EC Regulation No. 1907/2006 (REACH).

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)

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- 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 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.