



VOLTECO Spa

PLASTIVO 250

Liquid component

Revision n. 3.0

Revision date 10/05/2021

Printed on 10/05/2021

Page nr. 1 / 7

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

1.1 Product identifier

Name PLASTIVO 250 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.
Mixture of: 5-chloro-2-methyl-2H-isothiazol-3-one [EC no. 247-500-7]
2-methyl-2H-isothiazol-3-one [EC no. 220-239-6] (3:1)

2.3 Other hazards

Negative effects on health

None.

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 |
|---|------------|-----------|--------|--|
| Mixture of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7] and 2-methyl-2H-isothiazol-3-one [EC no. 220-239-6] (3:1) | 55965-84-9 | 611-341-5 | 13 ppm | 3.2/1B Skin Corr. 1B H314 3.4.2/1-1A-1B Skin Sens. 1,1A,1B H317 4.1/A1 Aquatic Acute 1 H400 M=10. 4.1/C1 Aquatic Chronic 1 H410 M=1. 3.1/3/Oral Acute Tox. 3 H301 3.1/3/Dermal Acute Tox. 3 H311 3.1/3/Inhal Acute Tox. 3 H331 Specific concentration limits: C >= 0,0015%: Skin Sens. 1,1A,1B H317 0,06% <= C < 0.6%: Skin Irrit. 2 H315 0,06% <= C < 0.6%: Eye Irrit. 2 H319 |



VOLTECO Spa

PLASTIVO 250

Liquid component

Revision n. 3.0

Revision date 10/05/2021

Printed on 10/05/2021

Page nr. 2 / 7

| Name | CAS | EINECS | Conc. | Classification 1272/2008/EC |
|------|-----|--------|-------|----------------------------------|
| | | | | C >= 0,6%: Skin Corr. 1B H314 |

SECTION 4. First aid measures

4.1 Description of the first aid measures

General information

In case of accident or illness, immediately call a doctor (show the label if possible).

Contact with skin

Wash thoroughly with soap and water. In case of skin irritation, seek medical attention.

Contact with eyes

Rinse thoroughly for several minutes. Seek medical attention if the eye irritation persists.

Swallowing

Do not induce vomiting, seek medical attention.

Inhalation

Move the victim to fresh air and keep warm and at rest.

4.2 Main symptoms and effects, both acute and delayed

Symptoms

None.

4.3 Indication of any immediate medical attention and special treatment needed

Immediate medical assistance:

None.

SECTION 5. Fire-fighting measures

5.1 Extinguishing agents

Suitable extinguishing agents

Carbon dioxide (CO₂), spraying with water.

5.2 Special hazards arising from the substance or mixture

Special exposure hazards arising from the substance or preparation itself, combustion products, resulting gases

Combustion produces heavy smoke.

This product does not burn until the water it contains has evaporated.

The residue is subject to combustion.

The burning of the dry product generates a thick black smoke.

In the event of a fire, the following may occur: Gaseous substances/vapors, toxic.

5.3 Recommendations for those in charge of putting out fires

Special protective equipment

Use a hermetic protective mask

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.

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

6.3 Methods and materials for containment and cleaning up

Recommendations on leakage clean-up methods

Collect with absorbent substances (sand, diatomaceous earth, acid binder and a universal binding agent).

Treat the removed material as described in the "disposal" paragraph.

6.4 Reference to other sections

Personal protection: see Section 8.

Disposal: see Section 13.



VOLTECO Spa

PLASTIVO 250

Liquid component

Revision n. 3.0

Revision date 10/05/2021

Printed on 10/05/2021

Page nr. 3 / 7

SECTION 7. Handling and storage

7.1 Precautions for safe handling

Do not eat or drink whilst working.

Avoid contact with skin.

7.2 Conditions for safe storage, including any incompatibility

Technical measures for storage

Protect against frost.

Keep in original packaging, in a dry and cool room at the temperature +5 e +35 °C.

Keep away from food, beverages and feed.

The product may develop a bacterial odor in case of long-term storage

Incompatible materials

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

Guidelines for local inhabitants

Duly aerated rooms.

Flash point: NA.

7.3 Specific end uses

No particular use.

SECTION 8. Exposure control/personal protection

8.1 Control parameters

DNEL exposure limit values: N.A.

The derived no-effect level (DNEL), where stated in the SDS, is a safe level of exposure derived from toxicological data in accordance with REACH.

The DNEL may differ from an occupational exposure limit value (OEL).

OEL values can be recommended by an individual company, a state control body or an expert organisation such as ACGIH.

OELs and DNELs are obtained using a different procedure.

PNEC exposure limit values: N.A.

8.2 Exposure controls

| | |
|------------------------------------|---|
| Respiratory protection | Not required for normal use. |
| Hand protection | Not required for normal use. |
| Eye protection | Not required for normal use. In any case, operate according to good work practices. |
| Protection of skin and body | No special precautions are required for normal use. |

SECTION 9. Physical and chemical properties

9.1 Information on the basic physical and chemical properties

| Description | Values |
|---------------------------------------|----------------------|
| Physical state | Liquid |
| pH | 7.5 25 °C |
| Melting or freezing point | 0 °C |
| Initial boiling point | 100 °C |
| Flash point | Not flammable |
| Flammability of solids and gases | Not available. |
| Evaporation rate | Not available. |
| Lower flammability limit | Not available. |
| Upper flammability limit | Not available. |
| Lower explosivity limit | Not available. |
| Upper explosivity limit | Not available. |
| Vapour pressure | 2.34 kPa (20 °C) |
| Vapour density | Not available. |
| Apparent density | 1.04 kg/l (23 °C) |
| Solubility | Mixable with water |
| Partition coefficient n-octanol/water | Not available. |
| Viscosity | 100-500 mPas (25 °C) |



VOLTECO Spa

PLASTIVO 250

Liquid component

Revision n. 3.0

Revision date 10/05/2021

Printed on 10/05/2021

Page nr. 4 / 7

| Description | Values |
|----------------------|----------------|
| Explosive properties | Not available. |
| Oxidising properties | Not available. |

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

Stable under normal conditions.

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

| Name of product/ingredient | Type | Species | Dose | Exposure |
|--|------|---------------------|---------------------------------------|-----------------------------------|
| Mixture of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7] and 2-methyl-2H-isothiazol-3-one [EC no. 220-239-6] (3:1) - CAS: 55965-84-9. | LD50 | Rat | Oral toxicity: 550 mg/kg | Oral |
| | LD50 | Rat | Inhalation toxicity: 0.31/4h mg/l | Inhalation |
| | LD50 | Positive rabbit | Skin corrosion: corrosive to the skin | Dermal |
| | LD50 | Positive rabbit | Eye damage: Serious | Eye |
| | LD50 | Positive guinea pig | Skin sensitisation | Respiratory or skin sensitisation |

Sub-acute, sub-chronic, chronic toxicity: Not classified.

Skin irritation: Not classified

Eye irritation: Not classified

Respiratory tract irritation: Not classified.

Sensitization: Not classified.

Carcinogenic Effects: Not classified.

Mutagenicity: Not classified

Reproductive toxicity: Not classified

SECTION 12. Ecological information

12.1 Toxicity

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

ACRILEM AS157

Not classified for environmental hazards.

Based on the available data, the classification criteria is not fulfilled.

| Name of product/ingredient | Type | Species | Exposure | Dose | Type |
|--|------------------------|---------|----------|------------|-------|
| Mixture of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7] and 2-methyl-2H- | EC50 Acute toxicity | | 72 h | 0.379 mg/l | Algae |



VOLTECO Spa

PLASTIVO 250

Liquid component

Revision n. 3.0

Revision date 10/05/2021

Printed on 10/05/2021

Page nr. 5 / 7

| Name of product/ingredient | Type | Species | Exposure | Dose | Type |
|--|--------------------------|---------------------------------|----------|------------|---------------------------------|
| isothiazol-3-one [EC no. 220-239-6] (3:1) - CAS: 55965-84-9. | | | | | |
| | EC50 Acute toxicity | Daphnia Magna | 504 h | > 1 mg/l | Aquatic invertebrates - Daphnia |
| | EC50 Acute toxicity | Pseudokirchneriella subcapitata | 72 h | 0.161 mg/l | Algae |
| | LC50 Acute Toxicity | Danio rerio | 96 h | 0.58 mg/l | Fishes |
| | NOEC Chronic Toxicity | Danio rerio | 816 h | 0.5 mg/l | Fishes |

12.2 Persistence and degradability

Biodegradability: Not rapidly degradable - Notes: < 50% - 10 d

Biodegradability and bioaccumulation: these properties are substance-specific and cannot be given for mixtures.

Any indications are based on the properties of the individual components.

Mixture of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7] and 2-methyl-2H-isothiazol-3-one [EC no. 220-239-6] (3:1) - CAS: 55965-84-9.

12.3 Bioaccumulative potential

Not bioaccumulative.

12.4 Mobility in the soil

No data available.

12.5 Results of the PBT and vPvB evaluation

None.

12.6 Other adverse effects

Environmental risks: none.

SECTION 13. Disposal considerations

13.1 Waste processing methods

Recover, if possible.

Work in accordance with the local and national provisions in force.

For disposal within the EU, the relevant waste code (EWC code) identified in the European Waste Catalogue should be used.

Assign the EWC code by sector and process type.

SECTION 14. Transport information

| - | ADR/RID - ADN/RID | IMDG | IATA |
|--|-------------------|-----------------|-----------------|
| 14.1 UN number | Not applicable. | Not applicable. | Not applicable. |
| 14.2 UN Shipping name | Not dangerous | Not dangerous | Not dangerous |
| 14.3 Hazard classes | Not applicable. | Not applicable. | Not applicable. |
| 14.4 Packaging groups | Not applicable. | Not applicable. | Not applicable. |
| 14.5 Hazardous for the environment Marine Pollutant | Not applicable. | Not applicable. | Not applicable. |
| 14.6 Special precautions | Not applicable. | Not applicable. | Not applicable. |
| 14.7 Bulk transport according to Annex II of MARPOL 73/78 and the IBC Code | Not applicable. | Not applicable. | Not applicable. |

SECTION 15. Regulatory information

15.1 Specific standards and regulations on health, safety and environment for the substance or mixture

- WGK: water hazard class in Germany (Germania), Classification in accordance with VwVwS : WGK 1- low hazard to waters

D.Lgs. 9/4/2008 n. 81

M.D. Work 26/02/2004 (Occupational limits of exposure)

- EC Regulation No. 1907/2006 of the European Parliament (REACH)



VOLTECO Spa

PLASTIVO 250

Liquid component

Revision n. 3.0

Revision date 10/05/2021

Printed on 10/05/2021

Page nr. 6 / 7

- EC Regulation No. 1272/2008 of the European Parliament (CLP)
- EC Regulation No. 790/2009 of the European Parliament (I Atp. CLP)
- EU Regulation No. 944/2013 of the European Parliament
- EU Regulation No. 2015/830 of the European Parliament
- EC Regulation No. 286/2011 of the European Parliament (II Atp. CLP)
- EU Regulation No. 618/2012 of the European Parliament (III Atp. CLP)
- EC Regulation No. 487/2013 of the European Parliament (IV Atp. CLP)
- EC Regulation No. 944/2013 of the European Parliament (V Atp. CLP)
- EC Regulation No. 605/2014 of the European Parliament (VI Atp. CLP)
- EU Regulation No. 2015/1221 of the European Parliament (VII Atp. CLP)
- EU Regulation No. 2016/918 of the European Parliament (VIII Atp. CLP)
- EU Regulation No. 2016/1179 (IX Atp. CLP)
- EU Regulation No. 2017/776 (X Atp. CLP)

Restrictions relative to the product or the substances contained based on Annex XVII of EC Regulation No. 1907/2006 (REACH) and subsequent amendments:

Restrictions relative to the product: No restrictions.

Restrictions related to the substances contained: No restrictions.

15.1 Specific standards and regulations on health, safety and environment for the substance or mixture

Where applicable, reference should be made to the following regulations:

Ministerial Circulars 46/79 and 61/81 (Aromatic Amines)

Directive 2012/18/EC (Seveso III)

Regulation No. 648/2004/EC (Regulation on Detergents).

D.Lgs. 3/4/2006 n. 152 Environmental regulations

Dir. 2004/42/CE (COV Directive)

Provisions relating to EU Directive 2012/18 (Seveso III):

Seveso category III according to Annex 1, part 1

None.

15.2 Chemical safety assessment

None.

SECTION 16. Other information

The product is not considered dangerous according to EC Regulation 1272/2008 (CLP).

However, it was accompanied by an SDS on request, compiled according to Regulation 1907/2006.

Text phrases used in Section 3

| | |
|-------------|--|
| H314 | Causes severe skin burns and eye damage. |
| H317 | May cause an allergic skin reaction. |
| H400 | Very toxic to aquatic organisms. |
| H410 | Very toxic to aquatic life with long-term effects. |
| H301 | Toxic if swallowed. |
| H311 | Toxic in contact with skin. |
| H331 | Toxic if inhaled. |
| H315 | Causes skin irritation. |
| H319 | Causes serious eye irritation. |

Hazard class and category Code Description

Acute Tox. 3 3.1/3/Dermal Acute toxicity (dermal), Category 3

This document has been prepared by a technician who is skilled in the field of SDS and has received appropriate training.

Main bibliographical sources:

ECDIN - Environmental Chemicals Data and Information Network - Joint Research Centre, Commission of the European Communities

SAX's DANGEROUS PROPERTIES OF INDUSTRIAL MATERIALS - Eight Edition - Van Nostrand Reinold

CCNL - Annex 1

National Institute of Health - National Inventory of Chemical Substances

ICSC - International Chemical Safety Data Sheets (WHO/IPCS/ILO)

The information contained herein is based on our knowledge at the above date.

These refer solely to the indicated product and do not constitute a guarantee of particular quality.



VOLTECO Spa

PLASTIVO 250

Liquid component

Revision n. 3.0

Revision date 10/05/2021

Printed on 10/05/2021

Page nr. 7 / 7

The user is required to ensure the suitability and completeness of this information in relation to the specific intended use.
This sheet supersedes and replaces any previous edition.

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
- INCI: International Nomenclature of Cosmetic Ingredients
- KSt: Explosion coefficient
- LC50: Lethal concentration for 50% of the test population
- LD50: Lethal dose for 50% of the test population
- PNEC: Predicted no-effect concentration
- STP: STP Sewage treatment plant
- RID: Regulations concerning the International Carriage of Dangerous Goods by Rail
- STA: Acute toxicity estimate
- STAmix: Acute toxicity estimate (Mixtures)
- STEL: Short-time exposure limit
- STOT: specific organ Toxicity
- TLV: occupational exposure threshold limit value
- TWA: weighted average exposure limit
- WGK: water hazard class in Germany
- 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.