

Safety data sheet
according to 1907/2006/EC, Article 31

Printing date 10.03.2017

Revision: 05.03.2014

SECTION 1: Identification of the substance/mixture and of the company/undertaking

· **1.1 Product identifier**

· **Trade name:** JUPOL BRILLIANT

· **Article number:** JPT

· **1.2 Relevant identified uses of the substance or mixture and uses advised against**

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Dispersion wall paint JUPOL BRILLIANT, JPT.

· **Life cycle stages C** Consumer use

· **Sector of Use**

SU19 Building and construction work

SU21 Consumer uses: Private households / general public / consumers

SU22 Professional uses: Public domain (administration, education, entertainment, services, craftsmen)

· **Product category**

PC9a Coatings and paints, thinners, paint removers

JUPOL BRILLIANT is a washable interior wall paint based on water dispersion of polymeric binders.

· **Process category PROC10** Roller application or brushing

· **Environmental release category ERC10a** Widespread use of articles with low release (outdoor)

· **Application of the substance / the mixture**

Dispersion paint/ Latex paint

JUPOL BRILLIANT is an interior wall paint used for decorative protection of walls and ceilings in residential and business buildings, schools, nursery schools, hospitals, hotels, residences for the elderly and other buildings, where hygiene is maintained by frequent cleaning with standard household preparations.

The product is a chemical compound characterised by low content of hazardous substances. It has been verified that the product does not contain dangerous and vaporous organic substances and heavy metals. Certified low emission of substances into a place during use is also characteristic of the product.

· **1.3 Details of the supplier of the safety data sheet**

· **Manufacturer/Supplier:**

JUB d.o.o.

Dol pri Ljubljani 28

1262 DOL PRI LJUBLJANI

SLOVENIA

T: + 386 1 5884 183

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· **Further information obtainable from:**

TRC JUB

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· **1.4 Emergency telephone number:**

Emergency number: 112

United Kindom: NPIS 0870 600 6266

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SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

In accordance with Regulations on the classification of chemicals bounded by the Regulation CLP 2008/1272/EC, the product is classified as a hazardous compound, which is harmful to aquatic life.

Hazards for mankind: potentially can cause allergic reaction.

Classification according to Regulation (EC) No 1272/2008

Aquatic Chronic 4 H413 May cause long lasting harmful effects to aquatic life.

2.2 Label elements

Labelling according to Regulation (EC) No 1272/2008

The product is classified and labelled according to the CLP regulation.

Hazard pictograms

Void

Signal word

Void

Hazard-determining components of labelling:

Pyrithione zinc

Hazard statements

H413 May cause long lasting harmful effects to aquatic life.

Precautionary statements

P101 If medical advice is needed, have product container or label at hand.

P102 Keep out of reach of children.

P103 Read label before use.

P273 Avoid release to the environment.

P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P302+P352 IF ON SKIN: Wash with plenty of water.

P402+P404 Store in a dry place. Store in a closed container.

P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

Additional information:

Contains 2-methyl-2H-isothiazol-3-one, 1,2-benzisothiazol-3(2H)-one. May produce an allergic reaction.

Safety data sheet available on request.

The product is treated in accordance with Regulation EU / 528/2012, Art. 58th.

In-can protection in the container is enabled due to the content of active ingredients: methyl-isothiazolin, benz-isothiazolin, zinc pyrithion.

The in-film protection of thin layer is enabled due to content of active ingredient: zinc pyrithion.

2.3 Other hazards

Results of PBT and vPvB assessment

• PBT: Not applicable.

• vPvB: Not applicable.

SECTION 3: Composition/information on ingredients

3.2 Chemical characterisation: Mixtures

Main ingredients of JUPOL BRILLIANT are polymeric binders based on ethylene-vinyl-acetate binder, fine calcite and aluminosilicate fillers, titanium dioxide, cellulose thickening agents and water.

• Description: Mixture of substances listed below with nonhazardous additions.

Dangerous components:

Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

CAS: 2634-33-5

EINECS: 220-120-9

1,2-benzisothiazol-3(2H)-one

☠ Eye Dam. 1, H318; ☠ Aquatic Acute 1, H400; ☠ Acute Tox. 4, H302; Skin Irrit. 2, H315; Skin Sens. 1, H317

< 0.005%

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CAS: 2682-20-4 EINECS: 220-239-6	2-methyl-2H-isothiazol-3-one Acute Tox. 3, H301; Acute Tox. 3, H311; Skin Corr. 1B, H314; Skin Sens. 1, H317	(Contd. of page 2) < 0.01%
CAS: 13463-41-7 EINECS: 236-671-3	Pyrithione zinc Acute Tox. 3, H301; Acute Tox. 3, H331; Eye Dam. 1, H318; Aquatic Acute 1, H400; Aquatic Chronic 1, H410	< 0.01%

Additional information:

For the wording of the listed hazard phrases refer to section 16.

SECTION 4: First aid measures

- **4.1 Description of first aid measures**
- **After inhalation:** Supply fresh air; consult doctor in case of complaints.
- **After skin contact:** Generally the product does not irritate the skin.
- **After eye contact:** Rinse opened eye for several minutes under running water.
- **After swallowing:** If symptoms persist consult doctor.
- **4.2 Most important symptoms and effects, both acute and delayed** No further relevant information available.
- **4.3 Indication of any immediate medical attention and special treatment needed**
No further relevant information available.

SECTION 5: Firefighting measures

- **5.1 Extinguishing media**
- **Suitable extinguishing agents:** Use fire extinguishing methods suitable to surrounding conditions.
- **5.2 Special hazards arising from the substance or mixture** No further relevant information available.
- **5.3 Advice for firefighters**
- **Protective equipment:** No special measures required.

SECTION 6: Accidental release measures

- **6.1 Personal precautions, protective equipment and emergency procedures** Wear protective clothing.
- **6.2 Environmental precautions:**
Do not allow product to reach sewage system or any water course.
Inform respective authorities in case of seepage into water course or sewage system.
In case of gas release or seepage into the ground inform responsible authorities.
- **6.3 Methods and material for containment and cleaning up:**
Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).
- **6.4 Reference to other sections**
No dangerous substances are released.
See Section 7 for information on safe handling.
See Section 8 for information on personal protection equipment.
See Section 13 for disposal information.

SECTION 7: Handling and storage

- **7.1 Precautions for safe handling** No special precautions are necessary if used correctly.
- **Information about fire - and explosion protection:** No special measures required.
- **7.2 Conditions for safe storage, including any incompatibilities**
- **Storage:**
- **Requirements to be met by storerooms and receptacles:** Prevent any seepage into the ground.
- **Information about storage in one common storage facility:**
Do not store together with reducing agents, heavy-metal compounds, acids and alkalis.

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- **Further information about storage conditions:**
Store under lock and key and with access restricted to technical experts or their assistants only.
- **Storage class:** Storage class: 12 – Incombustible products
- **7.3 Specific end use(s)** No further relevant information available.

SECTION 8: Exposure controls/personal protection

- **Additional information about design of technical facilities:** No further data; see item 7.

· 8.1 Control parameters

- **Ingredients with limit values that require monitoring at the workplace:**

2682-20-4 2-methyl-2H-isothiazol-3-one (0.015%)
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WEL Long-term value: 0.05 mg/m ³

- **Additional information:** The lists valid during the making were used as basis.

· 8.2 Exposure controls

· **Personal protective equipment:**

- **General protective and hygienic measures:** Wash hands before breaks and at the end of work.

- **Respiratory protection:** Not required.

· **Protection of hands:**

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.

Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture.

Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation

· **Material of gloves**

The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.

· **Penetration time of glove material**

The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

- **Eye protection:** Goggles recommended during refilling

· **Risk management measures**

It is recommended to use high-quality work clothing and protective equipment. Use only outfits that meet the following standards:

- Protective gloves that meet the criteria of BS EN 374.
- Protective goggles must comply with standard BS EN 166.
- Protective mask respirator for small dust particles must conform to standard BS EN 149.

SECTION 9: Physical and chemical properties

· 9.1 Information on basic physical and chemical properties

· **General Information**

· **Appearance:**

Form:	Fluid
Colour:	Different according to colouring
Odour:	Mild
Odour threshold:	Not determined.

· pH-value at 20 °C:	9
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· **Change in condition**

Melting point/freezing point:	Undetermined.
Initial boiling point and boiling range:	100 °C

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· Flash point:	>100 °C
· Flammability (solid, gas):	Not applicable.
· Ignition temperature:	
Decomposition temperature:	Not determined.
· Auto-ignition temperature:	Product is not selfigniting.
· Explosive properties:	Product does not present an explosion hazard.
· Explosion limits:	
Lower:	Not determined.
Upper:	Not determined.
· Vapour pressure:	Not determined.
· Density at 20 °C:	1.54 g/cm ³
· Relative density	Not determined.
· Vapour density	Not determined.
· Evaporation rate	Not determined.
· Solubility in / Miscibility with water:	Partly miscible.
· Partition coefficient: n-octanol/water:	Not determined.
· Viscosity:	
Dynamic:	Not determined.
Kinematic:	Not determined.
· Solvent content:	
Organic solvents:	0.0 %
VOC (EC)	0.06 %
	VOC content: max 1 g/L (the product is a subject to the Directive 2004/42/EC as a coating of cat. A/a)
Solids content:	60.0 %
· 9.2 Other information	No further relevant information available.

SECTION 10: Stability and reactivity

- **10.1 Reactivity** No further relevant information available.
- **10.2 Chemical stability**
- **Thermal decomposition / conditions to be avoided:** No decomposition if used according to specifications.
- **10.3 Possibility of hazardous reactions** No dangerous reactions known.
- **10.4 Conditions to avoid** No further relevant information available.
- **10.5 Incompatible materials:** No further relevant information available.
- **10.6 Hazardous decomposition products:** No dangerous decomposition products known.

SECTION 11: Toxicological information

- **11.1 Information on toxicological effects**
- **Acute toxicity** Based on available data, the classification criteria are not met.
- **LD/LC50 values relevant for classification:**

oral. > 2000 mg/kg (rat)
dermal. > 2000 mg/kg(rat)
inhal. > 2 mg/kg, 4h (rat)

Pyrrithione Zinc (CAS: 13463-41-7)

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- Oral: LD50: 774-1300 mg / kg (Rat)
Dermal LD50: > 2000 mg / kg (Rabbit)
- **Primary irritant effect:**
 - **Skin corrosion/irritation** Based on available data, the classification criteria are not met.
 - **Serious eye damage/irritation** Based on available data, the classification criteria are not met.
 - **Respiratory or skin sensitisation** Based on available data, the classification criteria are not met.
 - **CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction)**
 - **Germ cell mutagenicity** Based on available data, the classification criteria are not met.
 - **Carcinogenicity** Based on available data, the classification criteria are not met.
 - **Reproductive toxicity** Based on available data, the classification criteria are not met.
 - **STOT-single exposure** Based on available data, the classification criteria are not met.
 - **STOT-repeated exposure** Based on available data, the classification criteria are not met.
 - **Aspiration hazard** Based on available data, the classification criteria are not met.

SECTION 12: Ecological information

- **12.1 Toxicity**
 - **Aquatic toxicity:**
- Pyrethione Zinc (CAS: 13463-41-7)
EC50: 0.05 mg / l, 48h (daphnia)
EC50: 0.067 mg / l, 72h (Selenastrum capricornutum)
LC50: 0.021 mg / l, 96h (bluegill)
- **12.2 Persistence and degradability** No further relevant information available.
 - **12.3 Bioaccumulative potential** No further relevant information available.
 - **12.4 Mobility in soil** No further relevant information available.
 - **Ecotoxicological effects:**
 - **Remark:** Harmful to fish
 - **Additional ecological information:**
 - **General notes:** Not known to be hazardous to water.
 - **12.5 Results of PBT and vPvB assessment**
 - **PBT:** Not applicable.
 - **vPvB:** Not applicable.
 - **12.6 Other adverse effects** No further relevant information available.

SECTION 13: Disposal considerations

- **13.1 Waste treatment methods**
- **Recommendation**
Must not be disposed together with household garbage. Do not allow product to reach sewage system.

- **European waste catalogue**

08 01 11*	waste paint and varnish containing organic solvents or other hazardous substances
20 01 27*	paint, inks, adhesives and resins containing hazardous substances
15 01 02	plastic packaging

- **Uncleaned packaging:**
- **Recommendation:** Disposal must be made according to official regulations.

SECTION 14: Transport information

- **14.1 UN-Number**
JUPOL BRILLIANT is not classified as a substance or compound which would be dangerous for transport in accordance with provisions of transport regulation.
- **ADR, ADN, IMDG, IATA**
Void

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· 14.2 UN proper shipping name · ADR, ADN, IMDG, IATA	Void
· 14.3 Transport hazard class(es) · ADR · Class · Label · ADN/R Class:	- (-) - Void
· 14.4 Packing group · ADR, IMDG, IATA	Void
· 14.5 Environmental hazards: · Marine pollutant:	No
· 14.6 Special precautions for user · Danger code (Kemler):	Not applicable. -
· 14.7 Transport in bulk according to Annex II of Marpol and the IBC Code	Not applicable.
· Transport/Additional information:	
· ADR · Limited quantities (LQ)	-
· UN "Model Regulation":	Void

SECTION 15: Regulatory information

· **15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**

Following regulation was considered in the preparation of document:

Legislation on the occupational health and safety, the chemical legislation and regulations on biocidal products, regulations on classification, packaging and labeling of chemical and biocidal products and requirements on safety data sheets for chemicals and biocidal products composition, as well as regulations on the management of packaging and packaging waste and waste.

In accordance with the current regulation the product is classified as a harmful substance or mixture to aquatic life. The product can cause allergic reaction.

General safety measures should be considered when working or handling with the product.

· **Labelling according to Regulation (EC) No 1272/2008 -**

· **Chemical safety assessment -**

· **Directive 2012/18/EU**

· **Named dangerous substances - ANNEX I** None of the ingredients is listed.

· **REGULATION (EC) No 1907/2006 ANNEX XVII** Conditions of restriction: 3

· **15.2 Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.

SECTION 16: Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

· **Relevant phrases**

H301 Toxic if swallowed.

H302 Harmful if swallowed.

H311 Toxic in contact with skin.

H314 Causes severe skin burns and eye damage.

H315 Causes skin irritation.

H317 May cause an allergic skin reaction.

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H318 Causes serious eye damage.
H331 Toxic if inhaled.
H400 Very toxic to aquatic life.
H410 Very toxic to aquatic life with long lasting effects.

· **Recommended restriction of use**

Claims contained in this document are based on our actual knowledge at the time of revision of this document. They do not undertake the properties of the product described in terms of the legal provisions for the pledge.

Placing this document as available does not unbind the product customer from its responsibility to comply with all relevant laws and regulations applicable for this product. This is especially valid in the case of product resale or resale of its mixtures or manufactured products from other areas of law and industrial property rights of third parties. If the product described above is changed by crafting or mixing with other materials, it is not possible to transfer claims from this document onto a newly made product, unless otherwise specified. In the case of product re-packaging the customer must attach the required relevant safety information as well.

· **Department issuing SDS:**

JUB d.o.o.
Product safety department

· **Contact:**

mag. Branko Petrovič
TRC-JUB
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· **Abbreviations and acronyms:**

ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)
IMDG: International Maritime Code for Dangerous Goods
IATA: International Air Transport Association
GHS: Globally Harmonised System of Classification and Labelling of Chemicals
EINECS: European Inventory of Existing Commercial Chemical Substances
ELINCS: European List of Notified Chemical Substances
CAS: Chemical Abstracts Service (division of the American Chemical Society)
VOC: Volatile Organic Compounds (USA, EU)
LC50: Lethal concentration, 50 percent
LD50: Lethal dose, 50 percent
PBT: Persistent, Bioaccumulative and Toxic
vPvB: very Persistent and very Bioaccumulative
Acute Tox. 3: Acute toxicity – Category 3
Acute Tox. 4: Acute toxicity – Category 4
Skin Corr. 1B: Skin corrosion/irritation – Category 1B
Skin Irrit. 2: Skin corrosion/irritation – Category 2
Eye Dam. 1: Serious eye damage/eye irritation – Category 1
Skin Sens. 1: Skin sensitisation – Category 1
Aquatic Acute 1: Hazardous to the aquatic environment - acute aquatic hazard – Category 1
Aquatic Chronic 1: Hazardous to the aquatic environment - long-term aquatic hazard – Category 1
Aquatic Chronic 4: Hazardous to the aquatic environment - long-term aquatic hazard – Category 4

· *** Data compared to the previous version altered.**

Version 1.0, 30.01.2013.
Version 2.0, 15.04.2015; Amending Chapter: 2., 3., 8., 15., 16.
Version 3.0, 27.07.2016; Amending Chapter: 1., 2., 3., 8., 15., 16.
Version 4.0, 21.01.2016; Amending Chapter: 2., 3., 8., 11., 12., 13., 15., 16.