

# MATERIAL SAFETY DATA SHEET

According to Regulation (EC) 1907/2006

**Trade Name:** BIONI SYSTEM W23.1 Interior Paint  
**Revision Date:** 05.12.2018  
**Print date:** 06.12.2018

**Date Sheet-No.:** BSW23  
**Product Code:** 190461

## 1. Identification of the substance / mixture and of the company / undertaking

### 1.1. Product identifier

BIONI SYSTEM W23.1 – Pure Acrylic Interior Paint

### 1.2. Relevant identified uses of the substance or mixture and uses advised against

#### Use of the substance/mixture

Paints and varnishes

### 1.3. Details of the supplier of the safety data sheet

<b>Company name:</b>	BIONI CS GMBH	<b>Telefax:</b>	+49 (0)208 621 75-55
<b>Street:</b>	Lessingstr. 21		
<b>Place:</b>	D-46149 Oberhausen		
<b>Telephone:</b>	+49 (0)208 621 75-53	<b>Telephone:</b>	+49 (0)208 621 75-53
<b>E-Mail:</b>	info@bioni.de		
<b>Contact person:</b>	Sven Knoll		

### 1.4. Emergency telephone number

Giftnotruf Berlin (24 hours in German and English).  
Telephone: +49 (0)30 19 240 or +49 (0)208 621 75-53

## 2. Hazards identification

### 2.1. Classification of the substance or mixture

#### Regulation (EC) No. 1272/2008

This mixture is not classified as hazardous in accordance with Regulation (EC) No. 1272/2008.

### 2.2. Label elements

#### Additional advice on labelling

The mixture is classified as not hazardous according to regulation (EC) No 1272/2008 [CLP].

### 2.3. Other hazards

No information available.

## 3. Composition / information on ingredients

### 3.1. Mixtures

#### Chemical Characterisation

Hazardous ingredients: none

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## 4. First aid measures

### 4.1. Description of first aid measures

- After inhalation:** Provide fresh air.
- After contact with skin:** Wash with plenty of soap and water. Take off contaminated clothing and wash it before reuse.
- After contact with eyes:** Rinse immediately carefully and thoroughly with eye-bath or water.
- After ingestion:** Rinse mouth immediately and drink plenty of water.

### 4.2. Most important symptoms and effects, both acute and delayed

No information available.

### 4.3. Indication of any immediate medical attention and special treatment needed

Treat symptomatically.

## 5. Firefighting measures

### 5.1. Extinguishing media

**Suitable extinguishing agent:** Co-ordinate fire-fighting measures to the fire surroundings.

### 5.2. Special hazards arising from the substance or mixture

Non-flammable.

### 5.3. Advice for firefighters

In case of fire: Wear self-contained breathing apparatus.

### Additional information:

Collect contaminated fire extinguishing water separately. Do not allow entering drains or surface water.

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## 6. Accidental release measures

### 6.1. Personal precautions, protective equipment and emergency procedures

Use personal protection equipment.

### 6.2. Environmental precautions

Do not allow to enter into surface water or drains.

### 6.3. Methods and material for containment and cleaning up

Absorb with liquid-binding material (e.g. sand, diatomaceous earth, acid- or universal binding agents). Treat the recovered material as prescribed in the section on waste disposal.

### 6.4. Reference to other sections

Safe handling: see section 7  
Personal protection equipment: see section 8  
Disposal: see section 13

## 7. Handling and Storage

### 7.1. Precautions for safe handling

#### Advice on safe handling

No special precautionary measures are necessary.

#### Advice on protection against fire and explosion

No special fire protection measures are necessary.

### 7.2. Conditions for safe storage, including any incompatibilities

#### Requirements for storage rooms and vessels

Keep container tightly closed.

#### Hints on joint storage

No special measures are necessary.

### 7.3. Specific end use(s)

Store Paints and varnishes

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## 8. Exposure controls/personal protection

### 8.1. Control parameters

#### Additional advice on limit values

To date, no national critical limit values exist.

### 8.2. Exposure controls



#### Appropriate engineering controls

Provide adequate ventilation.

#### Protective and hygiene measures

Take off contaminated clothing. Wash hands before breaks and after work. When using do not eat or drink.

#### Eye/face protection

Wear eye protection/face protection.

#### Hand protection

Wear suitable gloves.

When handling with chemical substances, protective gloves must be worn with the CE-label including the four control digits. The quality of the protective gloves resistant to chemicals must be chosen as a function of the specific working place concentration and quantity of hazardous substances. For special purposes, it is recommended to check the resistance to chemicals of the protective gloves mentioned above together with the supplier of these gloves.

#### Skin protection

Wear suitable protective clothing.

#### Respiratory protection

In case of inadequate ventilation wear respiratory protection.

#### Environmental exposure controls

Avoid release to the environment.

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## 9. Physical and chemical properties

### 9.1. Information on basic physical and chemical properties

**Physical state:** Liquid  
**Colour:** white  
**Odour:** characteristic  
**pH-value:** approx. 9

#### Changes in the physical state

**Melting point:** not determined  
**Initial boiling point and boiling range:** not determined  
**Flash point:** not applicable

#### Flammability

**Solid:** not applicable  
**Gas:** not applicable

#### Explosive properties

**The product is not: Explosive**  
**Lower explosion limits:** not determined  
**Upper explosion limits:** not determined  
**Ignition temperature:** not determined

#### Auto-ignition temperature

**Solid:** not applicable  
**Gas:** not applicable  
**Decomposition temperature:** not determined

#### Oxidizing properties

**Not oxidising**  
**Vapour pressure:** not determined  
**Density (at 20 °C):** 1,15 g/m<sup>3</sup>  
**Water solubility (at 20 °C):** miscible

#### Solubility in other solvents not determined

**Partition coefficient:** not determined  
**Viscosity / dynamic:** not determined  
**Viscosity / kinematic:** not determined  
**Vapour density:** not determined  
**Evaporation rate:** not determined

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## 9.2. Other information

**Odour threshold:** not determined

## 10. Stability and reactivity

### 10.1. Reactivity

No hazardous reaction when handled and stored according to provisions.

### 10.2. Chemical stability

The product is stable under storage at normal ambient temperatures.

### 10.3. Possibility of hazardous reactions

No known hazardous reactions.

### 10.4. Conditions to avoid

No information available.

### 10.5. Incompatible materials

No information available.

### 10.6. Hazardous decomposition products

No known hazardous decomposition products.

## 11. Toxicological information

### 11.1. Information on toxicological effects

#### Acute toxicology

Based on available data, the classification criteria are not met.

#### Irritation and corrosivity

Based on available data, the classification criteria are not met.

#### Sensitising effects

Based on available data, the classification criteria are not met.

#### Carcinogenic/mutagenic/toxic effects for reproduction

Based on available data, the classification criteria are not met.

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## 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.

## 12. Ecological information

### 12.1. Toxicity

The product is not: Ecotoxic

### 12.2. Persistence and degradability

The product has not been tested.

### 12.3. Bioaccumulative potential

The product has not been tested.

### 12.4. Mobility in soil

The product has not been tested.

### 12.5. Results of PBT and vPvB assessment

The product has not been tested.

### 12.6. Other adverse effects

No information available.

### Further information

Do not allow to enter into surface water or drains. Do not allow to enter into soil/subsoil.

## 13. Disposal considerations

### 13.1. Waste treatment methods

#### Advice on disposal

Avoid release to the environment. Dispose of waste according to applicable legislation.

#### Contaminated packaging

Non-contaminated packages may be recycled. Handle contaminated packages in the same way as the substance itself.

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## 14. Transport information

### Land transport (ADR/RID)

**14.1 UN-Number:** No dangerous good in sense of this transport regulation.  
**14.2 UN proper shipping name:** No dangerous good in sense of this transport regulation.  
**14.3 Transport hazard class(es):** No dangerous good in sense of this transport regulation.  
**14.4 Packing group:** No dangerous good in sense of this transport regulation.

### Inland waterways transport (ADN)

**14.1 UN-Number:** No dangerous good in sense of this transport regulation.  
**14.2 UN proper shipping name:** No dangerous good in sense of this transport regulation.  
**14.3 Transport hazard class(es):** No dangerous good in sense of this transport regulation.  
**14.4 Packing group:** No dangerous good in sense of this transport regulation.

### Marine transport (IMDG)

**14.1 UN-Number:** No dangerous good in sense of this transport regulation.  
**14.2 UN proper shipping name:** No dangerous good in sense of this transport regulation.  
**14.3 Transport hazard class(es):** No dangerous good in sense of this transport regulation.  
**14.4 Packing group:** No dangerous good in sense of this transport regulation.

### Air transport (ICAO-TI/IATA-DGR)

**14.1 UN-Number:** No dangerous good in sense of this transport regulation.  
**14.2 UN proper shipping name:** No dangerous good in sense of this transport regulation.  
**14.3 Transport hazard class(es):** No dangerous good in sense of this transport regulation.  
**14.4 Packing group:** No dangerous good in sense of this transport regulation.

### 14.5 Environmental hazards

**ENVIRONMENTALLY HAZARDOUS:** no

### 14.6 Special precautions for user

No information available.

### 14.7 Transport in bulk according to Annex II of Marpol and the IBC Code

not applicable



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## 15. Regulatory information

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

#### EU regulatory information

2004/42/EC (VOC): < 1 g/L  
Information according to 2012/18/EU (SEVESO III): Not subject to 2012/18/EU (SEVESO III)

#### National regulatory information

Employment restrictions: Observe restrictions to employment for juvenils according to the 'juvenile work protection guideline' (94/33/EC).  
Water contaminating class (D): - - not water contaminating

### 15.2 Chemical safety assessment

Chemical safety assessments for substances in this mixture were not carried out.

## 16 Other information

### 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 Harmonized 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  
LC50: Lethal concentration, 50%  
LD50: Lethal dose, 50%

### Further Information

The information is based on present level of our knowledge. It does not, however, give assurances of product properties and establishes no contract legal rights. The receiver of our product is singularly responsible for adhering to existing laws and regulations.

*(The data for the hazardous ingredients were taken respectively from the last version of the sub-contractor's safety data sheet.)*