

MATERIAL SAFETY DATA SHEET

According to Regulation (EC) 1907/2006

Trade Name: BIONI SYSTEM Component G50.1 (Liquid component)
Revision Date: 15.07.2018
Print date: 15.07.2018

Date Sheet-No.: BSG50-LC
Product Code: 190347L

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

1.1. Product Name

BIONI SYSTEM Component G50.1 (Liquid component - Reactive Connecting Component)

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

Base Coat for pretreatment of surfaces with mould and mildew attack.

1.3. Details of the supplier of the Material Safety Data Sheet

Manufacturer / Supplier: BIONI CS GMBH
Street: Lessingstr. 21
Nat. / zip code / Place: D-46149 Oberhausen
Telephone / Fax / E-Mail: +49 (0)208 621 7553 / +49 (0)208 621 7555 / info@bioni.de

1.4. Emergency Telephone Number

Giftnotruf Berlin (24 hours in German and English).
Telephone: +49 (0)30 19 240

2. Possible Dangers

2.1. For humans and the environment:

There is no danger for humans and the environment according to the (German) hazardous materials ordinance; see also number 6, 7, 8, 11, 12 and 15

Instruction:

Product ingredients are not subject to a labelling requirement according to EC directives. It is unplasticised, without conservation ingredients, without fungicide and biocide additives.

3. Composition / Specification of Components

3.1. Chemical Characterisation

Solid component:

watery polymer dispersion with additives

Dangerous components:

Declaration and classification of components according to the regulations of the Commission of the European Community 91/155/ EEC and 93/21/EEC

Further Instructions:

The product ingredients are not subject to a labelling requirement according to EC directives.

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4. First aid measures

4.1. Description of first aid measures

- After eye contact:** Wash eyes with plenty of water. In case of sustained eye irritation seek medical advice from a specialist.
- After skin contact:** Wash with plenty of water.
- After inhalation:** Go into the fresh air after inhaling fumes or decomposition products. In case of serious symptoms, please consult physician.
- After ingestion:** Drink plenty of water and consult a physician. Do not induce vomiting without doctor's advice.

5. Firefighting measures

5.1. Extinguishing media

- Suitable extinguishing agent:** Foam, CO₂, dry powder
- Unsuitable extinguishing agent:** For safety reasons the use of water jets is not advised.
- Special risks:** During a fire, dangerous fumes are emitted as well as decomposition products which may seriously damage one's health. Do not inhale the fumes.
- Special equipment:** Air-purifying respirator and chemical protection suit.

6. Measures in Case of Unintended Release

6.1. Protective measures for the Individual and the environment:

6.2. Environmental protection measures

6.3. Procedure for cleaning/absorption

Absorb spills using liquid-binding products (e.g. sand, silicagel, acid-binding substances, universal binding agents, sawdust).

6.4. Additional instruction:

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7. Maintenance and Storage

7.1. Maintenance:

7.2. Storage:

Store in properly sealed original packaging.
Protect against frost and temperatures below 0°C

8. Exposure Limitation and Personal Protective Gear

8.1. Hand protection:

Liquid-proof protective gloves are recommended for working with this product.).

8.2. Breathing protection:

None

8.3. Eye protection:

Properly sealing protective goggles recommended.

8.4. Body protection:

Light, protective clothing recommended.

8.5. Hygiene measures:

(Keep far away from food products, drinks and animal feed. No eating, drinking or smoking during work.

9. Physical and Chemical Properties

9.1. Information on basic physical and chemical properties

Appearance

Physical condition:	Liquid
Form:	Liquid
Colour:	White-opaque
Odour:	Light, characteristic
pH-value:	Between 7 and 8

Safety relevant data

Fame point:	> 100°C
Melting point:	
Bulk density (23°C):	1,060 Kg/m ³
Water solubility:	Fully mixable
Other information:	Protect against frost and temperatures below 0°C

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10. Stability and Reactivity

10.1. Harmful decay products:

None

10.2. Stability:

When exposed to air, the product slowly hardens. In sealed airtight conditions (e.g. original packaging) the product remains stable. Addition of the hardener will trigger a chemical reaction causing the product to harden. The reaction is exothermic and may last several hours.

10.3. Conditions to be avoided:

Protect against frost and temperatures below 0°C. Store airtight and where possible in the original packaging.

11. Indications about Toxicology

11.1. Acute toxicology:

Polymer: LD₅₀/oral/rat=>20,000 mg/kg

11.2. Special influences:

Local irritation of skin and eyes possible, yet according to EEC regulations, product elements have not been characterised irritants.

12. Indications about Ecology

12.1. Possible environmental problems:

(German) water hazard category WGK = 1
(self-classification)

13. Instructions for Disposal

13.1. Waste treatment methods

Residual waste:

Empty packaging materials may be disposed of in agreement with local and international directives.

14. Instructions about Transport

14.1. UN-Number

It is not a hazardous product in the sense of national and international transport regulations.

14.2. UN propper shipping name

It is not a hazardous product in the sense of national and international transport regulations.

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14.3. Transport hazard class(es)

It is not a hazardous product in the sense of national and international transport regulations.

14.4. Packing group

It is not a hazardous product in the sense of national and international transport regulations.

14.5. Environmental hazard

It is not a hazardous product in the sense of national and international transport regulations.

14.6. Special precautions für user

15. Regulations

15.1. Marking

It is not a hazardous preparation according to chemical legislation, yet common requirements must be observed in handling chemicals.
The product ingredients are not subject to a labelling requirement according to EC directives.

15.2. Code letter and hazard reference:

None

15.3. R-phrases

None, precaution recommendation: the R-phrases R36/38 of the German law on hazardous substances.

15.4. S-phrases

None, precaution recommendation: Observe the S-phrases S25 and S39 of the German law on hazardous substances.

16. Other information

All information exclusively describes the product safety requirements based on the current state of our understanding. The information does not constitute an assurance of the properties of the described product in the sense of a legal warranty.