

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

Printing date 15.05.2018

version n° 1

Revision: 15.05.2018

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

- **1.1 Product identifier**

- **Trade name:** *BIOCOLOR*

- **Article number:** K095098.020

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

No further relevant information available.

- **Application of the preparation:** Filler for joints

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

- **Manufacturer/Supplier:**

KERAKOLL INDIA Pvt. Ltd.

Headquarter 202 – Business Square – A-Wing – Opp. Apple Heritage  
Chakala – Andheri Kurla Road – Andheri (E) – Mumbai 400093. India

Tel. +91 22 283 955 93 – Fax +91 22 283 955 83

e-mail: info@kerakollindia.com

- **E-mail address of the competent person responsible for the SDS:** safety@kerakoll.com

- **Informing department:** Product safety department

- **1.4 Emergency telephone number:** +91 22 283955 93

**\* SECTION 2: Hazards identification**

- **2.1 Classification of the substance or mixture**

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



GHS05 corrosion

Eye Dam. 1 H318 Causes serious eye damage.



GHS07

Skin Irrit. 2 H315 Causes skin irritation.

Skin Sens. 1 H317 May cause an allergic skin reaction.

STOT SE 3 H335 May cause respiratory irritation.

- **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**



GHS05 GHS07

- **Signal word** Danger

- **Hazard-determining components of labelling:**

Portland Cement

calcium diformate

- **Hazard statements**

H315 Causes skin irritation.

H318 Causes serious eye damage.

H317 May cause an allergic skin reaction.

H335 May cause respiratory irritation.

(Contd. on page 2)

EN

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

Printing date 15.05.2018

version n° 1

Revision: 15.05.2018

**Trade name: BIOCOLOR**

(Contd. of page 1)

**- Precautionary statements**

- P102 Keep out of reach of children.
- P260 Do not breathe dust.
- P280 Wear protective gloves / eye protection.
- P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
- P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

**- 2.3 Other hazards****- Results of PBT and vPvB assessment**

- **PBT:** Not applicable.
- **vPvB:** Not applicable.

**SECTION 3: Composition/information on ingredients****- 3.2 Mixtures**

- **Description:** Mixture consisting of the following components.

**- Dangerous components:**

CAS: 65997-15-1 EINECS: 266-043-4	Portland Cement  Eye Dam. 1, H318;  Skin Irrit. 2, H315; Skin Sens. 1, H317; STOT SE 3, H335	25-50%
CAS: 14808-60-7 EINECS: 238-878-4	Quartz (Ø < 10 µm)  STOT RE 2, H373	5-9.9%
CAS: 544-17-2 EINECS: 208-863-7 Reg.nr.: 01-2119486476-24-0001	calcium diformate  Eye Dam. 1, H318	<2.5%

- **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** In case of unconsciousness bring patient into stable side position for transport.
- **After skin contact** Instantly wash with water and soap and rinse thoroughly.
- **After eye contact** Rinse opened eye for several minutes under running water. Then consult doctor.
- **After swallowing** In case of persistent symptoms 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 fighting measures that suit the environment.

**- 5.2 Special hazards arising from the substance or mixture**

No further relevant information available.

**- 5.3 Advice for firefighters**

- **Protective equipment:** Put on breathing apparatus.

**SECTION 6: Accidental release measures****- 6.1 Personal precautions, protective equipment and emergency procedures**

Put on breathing apparatus.

Wear protective equipment. Keep unprotected persons away.

(Contd. on page 3)

EN

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

Printing date 15.05.2018

version n° 1

Revision: 15.05.2018

**Trade name: BIOCOLOR**

(Contd. of page 2)

- **6.2 Environmental precautions:** Do not allow to enter drainage system, surface or ground water.
- **6.3 Methods and material for containment and cleaning up:**  
Use neutralising agent.  
Dispose of contaminated material as waste according to item 13.  
Ensure adequate ventilation.
- **6.4 Reference to other sections**  
See Section 7 for information on safe handling  
See Section 8 for information on personal protection equipment.  
See Section 13 for information on disposal.

**\* SECTION 7: Handling and storage**

- **7.1 Precautions for safe handling**  
Thorough dedusting.  
Ensure good ventilation/exhaustion at the workplace.  
Prevent formation of dust.
- **Information about protection against explosions and fires:** Keep breathing equipment ready.
- **7.2 Conditions for safe storage, including any incompatibilities**
- **Storage**
- **Requirements to be met by storerooms and containers:** No special requirements.
- **Information about storage in one common storage facility:** Not required.
- **Further information about storage conditions:** Keep container tightly sealed.
- **7.3 Specific end use(s)** No further relevant information available.

**\* SECTION 8: Exposure controls/personal protection**

- **Additional information about design of technical systems:** No further data; see item 7.
- **8.1 Control parameters**
- **Components with limit values that require monitoring at the workplace:**  
The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.
- **Additional information:** Respirable crystalline silica (fraction) less than 0,1%
- **8.2 Exposure controls**
- **Personal protective equipment**
- **General protective and hygienic measures**  
Take off immediately all contaminated clothing  
Wash hands during breaks and at the end of the work.  
Avoid contact with the skin.  
Avoid contact with the eyes and skin.
- **Breathing equipment:** Use breathing protection in case of insufficient ventilation.
- **Protection of hands:** Protective gloves.
- **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.
- **Eye protection:** Tightly sealed safety glasses.

**SECTION 9: Physical and chemical properties**

- **9.1 Information on basic physical and chemical properties**
- **General Information**
- **Appearance:**

<b>Form:</b>	Powder
<b>Colour:</b>	Different according to colour

(Contd. on page 4)

EN

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

Printing date 15.05.2018

version n° 1

Revision: 15.05.2018

Trade name: **BIOCOLOR**

(Contd. of page 3)

- <b>Odour:</b>	Odourless
- <b>Odour threshold:</b>	Not determined.
- <b>pH-value at 20 °C:</b>	11
- <b>Change in condition</b>	
<b>Melting point/freezing point:</b>	Not determined
<b>Initial boiling point and boiling range:</b>	Not determined
- <b>Flash point:</b>	Not flammable
- <b>Inflammability (solid, gaseous)</b>	Not determined.
- <b>Decomposition temperature:</b>	Not determined.
- <b>Self-inflammability:</b>	Product is not selfigniting.
- <b>Explosive properties:</b>	Product is not explosive.
- <b>Critical values for explosion:</b>	
<b>Lower:</b>	Not determined.
<b>Upper:</b>	Not determined.
- <b>Vapour pressure:</b>	Not applicable.
- <b>Density at 20 °C</b>	1.02 g/cm <sup>3</sup>
- <b>Relative density</b>	Not determined.
- <b>Vapour density</b>	Not applicable.
- <b>Evaporation rate</b>	Not applicable.
- <b>Solubility in / Miscibility with Water:</b>	Soluble
- <b>Partition coefficient: n-octanol/water:</b>	Not determined.
- <b>Viscosity:</b>	
<b>dynamic:</b>	Not applicable.
<b>kinematic:</b>	Not applicable.
- <b>9.2 Other information</b>	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.
- **Primary irritant effect:**
- **Skin corrosion/irritation**  
Causes skin irritation.
- **Serious eye damage/irritation**  
Causes serious eye damage.
- **Respiratory or skin sensitisation**  
May cause an allergic skin reaction.

(Contd. on page 5)

EN

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

Printing date 15.05.2018

version n° 1

Revision: 15.05.2018

**Trade name: BIOCOLOR**

(Contd. of page 4)

- **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**  
May cause respiratory irritation.
- **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:** No further relevant information available.
- **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.
- **General notes:**  
Do not allow undiluted product or large quantities of it to reach ground water, water bodies or sewage system.  
Must not reach sewage water or drainage ditch undiluted or unneutralised.
- **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 of together with household garbage. Do not allow product to reach sewage system.
- **Uncleaned packagings:**
- **Recommendation:** Disposal must be made according to official regulations.
- **Recommended cleaning agent:** Water, if necessary with cleaning agent.

## SECTION 14: Transport information

- <b>14.1 UN-Number</b>	The product is not dangerous according to ADR, ADN, IMDG, IATA.
- <b>ADR, ADN, IMDG, IATA</b>	Void
- <b>14.2 UN proper shipping name</b>	
- <b>ADR, ADN, IMDG, IATA</b>	Void
- <b>14.3 Transport hazard class(es)</b>	
- <b>ADR, ADN, IMDG, IATA</b>	
- <b>Class</b>	Void
- <b>14.4 Packing group</b>	
- <b>ADR, IMDG, IATA</b>	Void
- <b>14.5 Environmental hazards:</b>	Not applicable.
- <b>14.6 Special precautions for user</b>	Not applicable.

(Contd. on page 6)

EN

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

Printing date 15.05.2018

version n° 1

Revision: 15.05.2018

**Trade name: BIOCOLOR**

(Contd. of page 5)

- 14.7 Transport in bulk according to Annex II of Marpol and the IBC Code	Not applicable.
- UN "Model Regulation":	Void

## SECTION 15: Regulatory information

- 15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture
- Directive 2012/18/EU
- Named dangerous substances - ANNEX I None of the ingredients is listed.
- National regulations
 

The product is subject to classification in accordance with the prevailing version of the regulations on hazardous materials.
- Additional classification according to Decree on Hazardous Materials, Annex II: -
- Water hazard class: Water hazard class 1 (Self-assessment): slightly hazardous for water.
- 15.2 Chemical safety assessment: A Chemical Safety Assessment has not been carried out.

## SECTION 16: Other information

### - Relevant phrases

- H315 Causes skin irritation.
- H317 May cause an allergic skin reaction.
- H318 Causes serious eye damage.
- H335 May cause respiratory irritation.
- H373 May cause damage to organs through prolonged or repeated exposure.

### - Department issuing data specification sheet: SCP

- Contact: Dr. B. Brina c/o Kerakoll S.p.A. tel. +39-0536-816511 fax +39-0536-816581

### - Others regulations

The safety data sheet has been drawn up in accordance with European directives 1999/45/EC, 2001/58/EC, 2001/59/EC and 2001/60/EC.

### - 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)

PBT: Persistent, Bioaccumulative and Toxic

vPvB: very Persistent and very Bioaccumulative

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

STOT SE 3: Specific target organ toxicity (single exposure) – Category 3

STOT RE 2: Specific target organ toxicity (repeated exposure) – Category 2

- \* Data compared to the previous version altered.

EN