

Safety data sheet

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BASF Safety data sheet according to Regulation (EC) No. 1907/2006

Date / Revised: 12.07.2011

Version: 2.0

Product: **PRINCE COLOR Z 301 SL**

(ID no. 30493709/SDS_GEN_CZ/EN)

Date of print 12.07.2011

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

Product identifier

PRINCE COLOR Z 301 SL

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

Details of the supplier of the safety data sheet

Company:

BASF Stavební hmoty Česká republika s.r.o
K Májovu 1244
537 01 Chrudim, CZECH REPUBLIC

Telephone: +420 46 9607-222

E-mail address: martina.entlicherova@basf.com

Emergency telephone number

Klinika nemocí z povolání, Tox. inf. středisko
Na bojišti 1, 128 08 Praha 2
CZECH REPUBLIC
+420 224919293, +420 224915402, +420 224914575
International emergency number:
Telephone: +49 180 2273-112

2. Hazards Identification

Label elements

According to Directive 67/548/EEC or 1999/45/EC

Directive 1999/45/EC ('Preparation Directive')

Hazard symbol(s)

Xi Irritant.



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R-phrase(s)

R37/38

Irritating to respiratory system and skin.

R41

Risk of serious damage to eyes.

S-phrase(s)

S2

Keep out of the reach of children.

S22

Do not breathe dust.

S24/25

Avoid contact with skin and eyes.

S26

In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

S28.1

After contact with skin, wash immediately with plenty of water and soap.

S27

Take off immediately all contaminated clothing.

S37/39

Wear suitable gloves and eye/face protection.

S46

If swallowed, seek medical advice immediately and show this container or label.

The product is classified and labelled in accordance with EC Directives.

Classification of the substance or mixtureAccording to Directive 67/548/EEC or 1999/45/EC**Possible Hazards:**

Irritating to respiratory system and skin.

Risk of serious damage to eyes.

Other hazardsAccording to Regulation (EC) No 1272/2008 [CLP]**Other Hazards (GHS):**

If applicable information is provided in this section on other hazards which do not result in classification but which may contribute to the overall hazards of the substance or mixture.

3. Composition/Information on Ingredients**Mixtures**Chemical nature

Preparation based on: modified cement mortar

Hazardous ingredients

according to Directive 1999/45/EC

Cement, portland, chemicals

Content (W/W): > 35 % - < 40 %

CAS Number: 65997-15-1

EC-Number: 266-043-4

Hazard symbol(s): Xi

R-phrases: 37/38, 41

For the classifications not written out in full in this section, including the indication of danger, the hazard symbols, the R phrases, and the hazard statements, the full text is listed in section 16.

4. First-Aid Measures

Description of first aid measures

First aid personnel should pay attention to their own safety. Remove contaminated clothing.

If inhaled:

After inhalation of dust. Keep patient calm, remove to fresh air. If difficulties occur: Obtain medical attention.

On skin contact:

After contact with skin, wash immediately with plenty of water and soap. Under no circumstances should organic solvent be used. If irritation develops, seek medical attention.

On contact with eyes:

Wash affected eyes for at least 15 minutes under running water with eyelids held open, consult an eye specialist.

On ingestion:

Rinse mouth immediately and then drink plenty of water, seek medical attention. Do not induce vomiting unless told to by a poison control center or doctor.

Most important symptoms and effects, both acute and delayed

Symptoms: Eye irritation, skin irritation, irritation of the mucous membranes

Indication of any immediate medical attention and special treatment needed

Treatment: Treat according to symptoms (decontamination, vital functions), no known specific antidote.

5. Fire-Fighting Measures

Extinguishing media

Additional information:

Product itself is non-combustible. Only the packaging materials can catch fire. The generally usual extinguishing agents to esteem for sufficient.

Special hazards arising from the substance or mixture

Product is not combustible or explosive. No particular hazards known.

Advice for fire-fighters

Further information:

Product itself is non-combustible; fire extinguishing method of surrounding areas must be considered. The degree of risk is governed by the burning substance and the fire conditions. Dispose of fire debris and contaminated extinguishing water in accordance with official regulations.

6. Accidental Release Measures

Personal precautions, protective equipment and emergency procedures

Avoid dust formation. Avoid contact with skin and eyes. Use personal protective clothing. Handle in accordance with good building materials hygiene and safety practice.

Environmental precautions

No special precautions necessary.

Methods and material for containment and cleaning up

Sweep/shovel up.

Reference to other sections

Information regarding exposure controls/personal protection and disposal considerations can be found in section 8 and 13.

7. Handling and Storage

Precautions for safe handling

Avoid dust formation. The Cement contained in this product reacts alkaline when in contact with water or humidity. This may cause severe irritation of skin or mucous membranes. The humidity of the skin or mucous membranes is enough for this reaction. Prolonged direct contact to the dry product should be avoided therefore. Avoid inhalation of dusts. Avoid skin contact. Pour downwind and allow as little free fall as possible while emptying bags into equipment. Breathing must be protected when large quantities are decanted without local exhaust ventilation.

Protection against fire and explosion:

No special precautions necessary.

Conditions for safe storage, including any incompatibilities

Further information on storage conditions: Containers should be stored tightly sealed in a dry place.

Specific end use(s)

For the relevant identified use(s) listed in Section 1 the advice mentioned in this section 7 is to be observed.

8. Exposure Controls/Personal Protection

Control parameters

Components with workplace control parameters

14808-60-7: Quartz (SiO₂)

TWA value 0,1 mg/m³ (OEL (CZ)), Respirable dust

65997-15-1: Cement, portland, chemicals

TWA value 10 mg/m³ (OEL (CZ)), dust

Exposure controls

Personal protective equipment

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Respiratory protection:

Breathing protection if dusts are formed. (Particle filter EN 143 P1)

Hand protection:

nitrile coated cotton gloves (e.g. EN 388, 374)

Eye protection:

Tightly fitting safety goggles (splash goggles) (e.g. EN 166)

Body protection:

Body protection must be chosen based on level of activity and exposure., light protective clothing

General safety and hygiene measures

Avoid contact with the skin, eyes and clothing. Avoid inhalation of dusts. In order to prevent contamination while handling, closed working clothes and working gloves should be used. Handle in accordance with good building materials hygiene and safety practice. When using, do not eat, drink or smoke. Hands and/or face should be washed before breaks and at the end of the shift. At the end of the shift the skin should be cleaned and skin-care agents applied. Gloves must be inspected regularly and prior to each use. Replace if necessary (e.g. pinhole leaks).

9. Physical and Chemical Properties**Information on basic physical and chemical properties**

Form:	powder
Colour:	grey
Odour:	odourless
pH value:	approx. 10 - 12 (approx. 20 °C) (as aqueous suspension)
Boiling point:	not applicable
Flash point:	not applicable
Vapour pressure:	not applicable
Self ignition:	not self-igniting

Thermal decomposition: No decomposition if stored and handled as prescribed/indicated.

Explosion hazard: not explosive

Fire promoting properties: not fire-propagating

Other informationBulk density: 1.300 - 1.500 kg/m³

Miscibility with water:

miscible

Solids content:

100 %

Other Information:

If necessary, information on other physical and chemical parameters is indicated in this section.

10. Stability and Reactivity

Reactivity

No hazardous reactions if stored and handled as prescribed/indicated.

Chemical stability

The product is stable if stored and handled as prescribed/indicated.

Possibility of hazardous reactions

The product is stable if stored and handled as prescribed/indicated.

Conditions to avoid

See MSDS section 7 - Handling and storage.

Incompatible materials

Substances to avoid:
strong bases, strong acids

Hazardous decomposition products

No hazardous decomposition products if stored and handled as prescribed/indicated.

11. Toxicological Information

Information on toxicological effects

Acute toxicity

Assessment of acute toxicity:

The product has not been tested. The statement has been derived from products of a similar structure or composition.

Experimental/calculated data:

LD50 (oral): > 5.000 mg/kg

No systemic toxicity.

Irritation

Assessment of irritating effects:

Causes temporary irritation of the respiratory tract. Skin contact causes irritation. May cause severe damage to the eyes. The product has not been tested. The statement has been derived from products of a similar structure or composition.

Experimental/calculated data:

Skin corrosion/irritation: Irritant.

Serious eye damage/irritation: Irritant.

Respiratory/Skin sensitization

Assessment of sensitization:

Chromate in this product has been reduced. Sensitization due to chromate within stated shelf-life is unlikely.

Germ cell mutagenicity

Assessment of mutagenicity:

The product has not been tested. The statement has been derived from the properties of the individual components.

Carcinogenicity

Assessment of carcinogenicity:

The whole of the information available provides no indication of a carcinogenic effect.

Reproductive toxicity

Assessment of reproduction toxicity:

The chemical structure does not suggest such an effect. The product has not been tested. The statement has been derived from the properties of the individual components.

Developmental toxicity

Assessment of teratogenicity:

The chemical structure does not suggest such an effect. The product has not been tested. The statement has been derived from the properties of the individual components.

Repeated dose toxicity and Specific target organ toxicity (repeated exposure)

Assessment of repeated dose toxicity:

The product has not been tested. The statement has been derived from the properties of the individual components.

Other relevant toxicity information

Based on our experience and the information available, no adverse health effects are expected if handled as recommended with suitable precautions for designated uses. The product has not been tested. The statements on toxicology have been derived from products of a similar structure and composition.

12. Ecological Information

Toxicity

Assessment of aquatic toxicity:

There is a high probability that the product is not acutely harmful to aquatic organisms. The product gives rise to pH shifts.

Aquatic invertebrates:

LC50 (48 h) > 100 mg/l, *Daphnia magna* (static)

Aquatic plants:

EC50 (96 h) > 100 mg/l (growth rate), *Selenastrum capricornutum* (static)

Soil living organisms:

LC50 (10 d) 9.931 mg/kg, other soil dwelling arthropod

Persistence and degradability

Assessment biodegradation and elimination (H₂O):

Inorganic product which cannot be eliminated from water by biological purification processes. The product is slightly soluble in water. It can be largely eliminated from the water by abiotic processes, e.g. mechanical separation.

Experience shows this product to be inert and non-degradable.

Elimination information:
not applicable

Bioaccumulative potential

Assessment bioaccumulation potential:

The product will not be readily bioavailable due to its consistency and insolubility in water.

Mobility in soil (and other compartments if available)

Assessment transport between environmental compartments:

The substance will not evaporate into the atmosphere from the water surface.

Following exposure to soil, adsorption to solid soil particles is probable, therefore contamination of groundwater is not expected.

Results of PBT and vPvB assessment

The product does not fulfill the criteria for PBT (persistent/bioaccumulative/toxic) or vPvB (very persistent/very bioaccumulative).

Additional information

Other ecotoxicological advice:

Do not discharge product into the environment without control.

13. Disposal Considerations

Waste treatment methods

Observe national and local legal requirements.

Residues should be disposed of in the same manner as the substance/product.

Act. No. 185/2001 Coll., Act on Waste, as amended.

Waste key:

01 04 07[□] wastes containing dangerous substances from physical and chemical processing of non-metalliferous minerals

Contaminated packaging:

Completely emptied packagings can be given for recycling.

14. Transport Information

Land transport

ADR

Not classified as a dangerous good under transport regulations

RID

Not classified as a dangerous good under transport regulations

Inland waterway transport

ADN

Not classified as a dangerous good under transport regulations

Sea transport

IMDG

Not classified as a dangerous good under transport regulations

Air transport

IATA/ICAO

Not classified as a dangerous good under transport regulations

15. Regulatory Information

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

According to directive No. 356/2003 about chemical substances and chemical formulations the product is designated as dangerous.

Act No. 258/2000 Coll., Act on the Care and Health of Persons, and Governmental Ordinance No. 361/2007 Coll, which stipulates the conditions for the protection of employee's health at work, as amended. Act No. 477/2001 Coll., about packagings, as amended.

ČSN 65 0201 and ČSN 65 6060 for storage, handling and transport

If other regulatory information applies that is not already provided elsewhere in this safety data sheet, then it is described in this subsection.

16. Other Information

Due to the merger of Degussa Construction chemicals and BASF Group all Material Safety Data Sheets have been reassessed on the basis of consolidated information. This may have resulted in changes of the Material Safety Data Sheets. In case you have questions concerning such changes please contact us under the address mentioned in Section I.

Full text of the classifications, including the indication of danger, the hazard symbols, the R phrases, and the hazard statements, if mentioned in section 2 or 3:

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Xi	Irritant.
37/38	Irritating to respiratory system and skin.
41	Risk of serious damage to eyes.

Vertical lines in the left hand margin indicate an amendment from the previous version.

The data contained in this safety data sheet are based on our current knowledge and experience and describe the product only with regard to safety requirements. The data do not describe the product's properties (product specification). Neither should any agreed property nor the suitability of the product for any specific purpose be deduced from the data contained in the safety data sheet. It is the responsibility of the recipient of the product to ensure any proprietary rights and existing laws and legislation are observed.