

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

Item description:	SKYROCK III gelb	623-0120
	SKYROCK III gelb	623-0125
	SKYROCK III blue	623-0220
	SKYROCK III blue	623-0225
	SKYROCK III green	623-0320
	SKYROCK III green	623-0325
Relevant identified uses of the substance or mixture and uses advised against	No further relevant information available.	
Application of the substance	Dental Stone	
Manufacturer:	Dentify GmbH Scheffelstr. 22 78234 Engen / Germany	
Information:	Tel: + 49-7733-977 62 40, Fax: +49-7733-977 62 44 (Mo – Do 8:00 – 16:30, Fr 8:00 – 15:00)	
Emergency:	Tel: + 49-7733-977 62 40 (Mo – Do 8:00 – 16:30, Fr 8:00 – 15:00)	

2. Hazards identification

Classification of the substance or mixture	
Classification according to Regulation (EC) No 1272/2008	The product is not classified according to the CLP regulation.
Classification according to Directive 67/548/EEC or Directive 1999/45/EC	Not applicable.
Information concerning particular hazards for human and environment:	Do not breathe dust. Avoid generation of dust.
Classification system:	The classification is according to the latest editions of the EU-lists, and extended by company and literature data.
Label elements	
Labelling according to EU guidelines:	The product is not subject to identification regulations under EU Directives and the Ordinance on Hazardous Materials (German GefStoffV).
Special labelling of certain preparations:	Safety data sheet available for professional user on request.
Other hazards	
Results of PBT and vPvB assessment	
PBT:	Not applicable.
vPvB:	Not applicable.

3. Composition/ information on ingredients

Chemical characterization:	Mixtures
Description:	Mixture of substances listed below with nonhazardous additions.
Dangerous components:	Void.
Additional information:	For the wording of the listed risk phrases refer to section 16.

4. First aid measures

General information:	No special measures required.
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After inhalation: Supply fresh air; consult doctor in case of complaints.

After skin contact: Generally the product does not irritate the skin.
Wash with water and soap.

After eye contact: Rinse opened eye for several minutes under running water.
Seek medical treatment.

After swallowing: Rinse out mouth and then drink plenty of water.
If symptoms persist consult doctor.

Most important symptoms and effects, both acute and delayed
No further relevant information available.

Indication of any immediate medical attention and special treatment needed
No further relevant information available.

5. Firefighting measures

Extinguishing media
Suitable extinguishing agents: CO₂, powder or water spray. Fight larger fires with water spray or alcohol resistant foam.
Use fire extinguishing methods suitable to surrounding conditions.

Special hazards arising from the substance or mixture
In case of fire, the following can be released:
Sulphur dioxide (SO₂).

Advice for firefighters
Protective equipment: Wear self-contained respiratory protective device.
Wear fully protective suit.

6. Accidental release measures

Personal precautions, protective equipment and emergency procedures
Avoid formation of dust.

Environmental precautions: No special measures are necessary.

Methods and material for containment and cleaning up:
Pick up mechanically.
Do not breathe dust.
Avoid generation of dust.

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 disposal information.

7. Handling and Storage

Precautions for safe handling
The usual precautionary measures are to be adhered to when handling chemicals.
Keep receptacles tightly sealed.
Use only in well ventilated areas.
Ensure good ventilation / exhaustion at the workplace.
Do not breathe dust.

Information about fire - and explosion protection: No special measures required.

Conditions for safe storage, including any incompatibilities
Storage:
Requirements to be met by storerooms and receptacles:
Store in a dry place.
Avoid generation of dust.
Keep container tightly closed.
Protect from moisture.

Information about storage in one common storage facility:
Not required.

Further information about storage conditions: None.

Storage class: No information available.

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Specific end use(s) No further relevant information available.

8. Exposure controls/ personal protection

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

Control parameters

Ingredients 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: The lists valid during the making were used as basis.

Exposure controls

Personal protective equipment:

General protective and hygienic measures:

The usual precautionary measures are to be adhered to when handling chemicals.

Respiratory protection:

With correct and proper use, and under normal conditions, breathing protection is not required.

Use suitable respiratory protective device in case of insufficient ventilation.

Respiratory protection in case of forming dust.

Protection of hands:

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

Due to missing tests no recommendation to the glove material can be given for the product.

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. Dust protection goggles.

Eye protection:

9. Physical and chemical properties

Information on basic physical and chemical properties

General Information

Appearance:

Form: Powder
Colour: Various colours
Odour: Odourless

pH-value: Not applicable.

Change in condition

Melting point/Melting range: Undetermined.

Boiling point/Boiling range: Undetermined.

Flash point: Not applicable.

Flammability (solid, gaseous): Product is not flammable.

Ignition temperature: Not applicable.

Decomposition temperature: Not determined.

Self-igniting: Product is not selfigniting.

Danger of explosion: Product does not present an explosion hazard.

Density: Not determined.

Solubility in / Miscibility with water at 20 °C: 2 g/l

Solvent content:

Organic solvents: 0.0 %

Other information No further relevant information available.

10. Stability and reactivity

Reactivity	No data available.
Chemical stability	
Thermal decomposition / conditions to be avoided:	No decomposition if used according to specifications.
Possibility of hazardous reactions	No further relevant information available.
Conditions to avoid	Moisture. Room humidity.
Incompatible materials:	No further relevant information available.
Hazardous decomposition products:	Decomposition takes place from temperatures above: 1000 °C Sulphur dioxide. Sulphur trioxide (SO ₃) or SO ₃ -mist. Calcium oxide.

11. Toxicological information

Information on toxicological effects	
Acute toxicity:	LD/LC50 values relevant for classification: 7631-86-9 silicon dioxide, chemically prepared Oral LD50 >2000 mg/kg (Rat)
Primary irritant effect:	
on the skin:	Minor irritant effect.
on the eye:	Minor irritant effect.
Sensitization:	No sensitizing effects known.
Additional toxicological information:	The product is not subject to classification according to the calculation method of the General EU Classification Guidelines for Preparations as issued in the latest version. When used and handled according to specifications, the product does not have any harmful effects to our experience and the information provided to us.

12. Ecological information

Information on toxicological effects	
Acute toxicity:	No data available.
Primary irritant effect:	
on the skin:	No irritant effect.
on the eye:	Irritating effect.
Sensitization:	No sensitizing effects known.
Additional toxicological information:	No further relevant information available.

13. Disposal considerations

Waste treatment methods	
Recommendation	Waste disposal according to official state regulations. Smaller quantities can be disposed of with household waste.
Waste disposal key:	The waste disposal code as prescribed in the European Waste Catalogue (EWC) depends on the waste producer and can thus vary for a product. The waste disposal code should thus be obtained separately from the waste producer in each case.
European waste catalogue	According to EAKV, allocation of waste identity numbers/waste descriptions must be carried out in a specific way for every industry and process.
Uncleaned packaging: Recommendation:	Disposal must be made according to official regulations.

14. Transport information

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UN-Number
ADR, ADN, IMDG, IATA Void.

UN proper shipping name
ADR, AND, IMDG, IATA Void.

Transport hazard class(es)
ADR, AND, IMDG, IATA Void.

Packing group
ADR, IMDG, IATA Void

Environmental hazards:
Marine pollutant: No

Special precautions for user Not applicable.

Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code:
Not applicable.

UN "Model Regulation" -,-

15. Regulatory information

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

National regulations:

Information about limitation of use:

Employment restrictions concerning juveniles must be observed.
Employment restrictions concerning pregnant and lactating women must be observed.

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

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.

Department issuing MSDS: Department of product security.

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

The above given data are based upon our stand of knowledge and experience from the issuing date, they do not have any relevance of characteristics warranty. No responsibility will be taken for the faultlessness and integrity.