

**SAFETY DATA SHEET (EC 1907/2006)****Carrara Press Pellets****Sakura Volumia Press Pellets****DeguDent**  
A Dentsply Company

Material no.		Version	1.2 / GB
Specification	173002	Revision date	01.12.2014
VA-Nr	01,699,502	Print Date	01.12.2014
		Page	1 / 7

**1. Identification of the substance/mixture and of the company/undertaking****1.1. Product identifier**

Trade name Carrara Press Pellets  
Sakura Volumia Press Pellets

REACH Registration No.: if available listed in Chapter. 3

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

Relevant applications identified For dental use only.

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

Company DeguDent GmbH  
Postfach 1364  
D-63403 Hanau

Telephone +49 (0)6181/59-5767  
Telefax +49 (0)6181/59-5879  
Email address SDB.Degudent-DE@dentsply.com

**1.4. Emergency telephone number**

Emergency information +49 (0)180 / 23 24-555 (international)

**2. Hazards identification****2.1. Classification of the substance or mixture****Classification according to Regulation (EC) No. 1272/2008 [CLP]**

Not a hazardous mixture according to Regulation (EC) No 1272/2008.

**Classification as per Directive 67/548/EC or Directive 1999/45/EC**

In accordance with Directive 1999/45/EC, the product does not need to be classified nor labelled.

**2.2. Label elements****Labelling as per (EU) 1272/2008**

Statutory basis Labelling not required according to EU-CLP Ordinance (1272/2008).

**2.3. Other hazards**

In case product dust is released:

Inhalation of ceramic dust (quartz dust) can cause silicosis.

A PBT/vPvB evaluation is not available, since a chemical safety evaluation is not required / has not been carried out.

**3. Composition/information on ingredients****Chemical nature**

Ceramics

The mixture contains:

Vitreous porcelain

Pigments

**SAFETY DATA SHEET (EC 1907/2006)****Carrara Press Pellets****Sakura Volumia Press Pellets****DeguDent**  
A Dentsply Company

Material no.		Version	1.2 / GB
Specification	173002	Revision date	01.12.2014
VA-Nr	01,699,502	Print Date	01.12.2014
		Page	2 / 7

**4. First aid measures****4.1. Description of first aid measures****Inhalation**

In case product dust is released:  
Remove to fresh air.

**Skin contact**

In case product dust is released:  
Wash off with plenty of water.

**Eye contact**

In case product dust is released:  
Rinse thoroughly with plenty of water keeping eyelid open.  
If eye irritation persists, consult a specialist.

**Ingestion**

Have the mouth rinsed with water.  
In case of discomfort: Supply with medical care.

**4.2. Most important symptoms and effects, both acute and delayed****Symptoms**

None known

**Hazards**

None known

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

Symptomatic treatment.

**5. Fire-fighting measures****5.1. Extinguishing media**

Suitable extinguishing media: All extinguishing substances suitable.

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

Do not inhale decomposition gases or noxious gases.

**5.3. Advice for firefighters**

Extinction measures are to be adjusted to the specific location.  
The product itself does not burn.  
No special protective equipment required.

**6. Accidental release measures****6.1. Personal precautions, protective equipment and emergency procedures**

In case product dust is released:  
Do not breathe dust.

**6.2. Environmental precautions**

Introduction into soil, natural water bodies or sewerage must be prevented.

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

Use mechanical handling equipment.  
Dispose of absorbed material in accordance with the regulations.

**6.4. Reference to other sections**

Wear personal protective equipment; see section 8.  
Disposal considerations; see section 13.

**7. Handling and storage****7.1. Precautions for safe handling**

# SAFETY DATA SHEET (EC 1907/2006)

Carrara Press Pellets

Sakura Volumia Press Pellets

**DeguDent**  
A Dentsply Company

Material no.		Version	1.2 / GB
Specification	173002	Revision date	01.12.2014
VA-Nr	01,699,502	Print Date	01.12.2014
		Page	3 / 7

In case product dust is released:  
Do not breathe dust.  
No special measures are necessary if properly handled.  
If dust occurs:  
Personal protective equipment

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

### Advice on protection against fire and explosion

Normal measures for preventive fire protection.

### Storage

Keep container tightly closed and dry.

### German storage class

13 - Non Combustible Solids

## 7.3. Specific end use(s)

We are unaware of any specific end uses which go beyond the data reported in Section 1.

---

## 8. Exposure controls/personal protection

### 8.1. Control parameters

### 8.2. Exposure controls

#### Engineering measures

In case product dust is released:  
Local ventilation.

#### Personal protective equipment

##### Respiratory protection

In case product dust is released:  
Do not breathe dust.  
Dust protection mask in accordance with EN 149 FFP2

##### Hand protection

No special protective equipment required.

##### Eye protection

Safety glasses with side-shields  
If dust occurs: basket-shaped glasses

##### Skin and body protection

No particular measures required.

##### Hygiene measures

Do not eat, drink, smoke, or sniff while at work. Wash your hands and/or face before breaks and before termination of work.

---

## 9. Physical and chemical properties

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

#### Appearance

Form	pellets
Colour	depending on staining result

Odour	odourless
-------	-----------

Density	ca. 2.5 g/cm <sup>3</sup>
---------	---------------------------

Water solubility	insoluble
------------------	-----------

Autoinflammability	Not capable of spontaneous combustion or heating.
--------------------	---

**SAFETY DATA SHEET (EC 1907/2006)****Carrara Press Pellets**  
**Sakura Volumia Press Pellets****DeguDent**  
A Dentsply Company

Material no.		Version	1.2 / GB
Specification	173002	Revision date	01.12.2014
VA-Nr	01,699,502	Print Date	01.12.2014
		Page	4 / 7

**9.2. Other information**

Other information No further physicochemical data were determined.

**10. Stability and reactivity****10.1. Reactivity**

no data available

**10.2. Chemical stability**

The product is chemically stable.

**10.3. Possibility of hazardous reactions**

Possibility of hazardous reactions No dangerous reactions known.

**10.4. Conditions to avoid**

No limitations

**10.5. Incompatible materials**

None known.

**10.6. Hazardous decomposition products**

No hazardous decomposition products known.

**11. Toxicological information****11.1. Information on toxicological effects***No results of animal experiments with the product available.*

Acute oral toxicity no data available

Acute inhalation toxicity no data available

Acute dermal toxicity no data available

Skin irritation no data available

Eye irritation no data available

Sensitization no data available

Repeated dose toxicity no data available

Mutagenicity assessment no data available

Carcinogenicity No data available

Toxicity to reproduction No data available

Further information No hazardous reactions are known if properly handled and stored.  
Inhalation resulting from incorrect handling may cause silicosis.**12. Ecological information****12.1. Toxicity***No ecotoxicological data is available for this product.***12.2. Persistence and degradability**

Biodegradability no data available

**SAFETY DATA SHEET (EC 1907/2006)****Carrara Press Pellets**  
**Sakura Volumia Press Pellets****DeguDent**  
*A Dentsply Company*

Material no.		Version	1.2 / GB
Specification	173002	Revision date	01.12.2014
VA-Nr	01,699,502	Print Date	01.12.2014
		Page	5 / 7

**12.3. Bioaccumulative potential**

Bioaccumulation no data available

**12.4. Mobility in soil**

Mobility No data available

**12.5. Results of PBT and vPvB assessment**

A PBT/vPvB evaluation is not available, since a chemical safety evaluation is not required / has not been carried out.

**12.6. Other adverse effects**

Further Information No data can be given because of insolubility in water.  
Do not allow to reach the sewage system, the ground or natural water bodies.

---

**13. Disposal considerations****13.1. Waste treatment methods****Product**

Disposal according to local authority regulations.

**Uncleaned packaging**

Disposal according to local authority regulations.

---

**14. Transport information****Not dangerous according to transport regulations.**

14.1. UN number:	--
14.2. UN proper shipping name:	--
14.3. Transport hazard class(es):	--
14.4. Packing group:	--
14.5. Environmental hazards:	--
14.6. Special precautions for user:	No

---

**15. Regulatory information****15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture****National legislation****15.2. Chemical safety assessment**

Chemical safety assessment No Chemical Safety Report as per Articles 2(8), 2(9) or 14 of the REACH Regulation is required for this product.

---

**16. Other information**

**SAFETY DATA SHEET (EC 1907/2006)****Carrara Press Pellets**  
**Sakura Volumia Press Pellets****DeguDent**  
*A Dentsply Company*

Material no.		Version	<b>1.2 / GB</b>
Specification	<b>173002</b>	Revision date	<b>01.12.2014</b>
VA-Nr	<b>01,699,502</b>	Print Date	<b>01.12.2014</b>
		Page	<b>6 / 7</b>

**Further information**

Changes since the last version are highlighted in the margin. This version replaces all previous versions.

This information and all further technical advice is based on our present knowledge and experience. However, it implies no liability or other legal responsibility on our part, including with regard to existing third party intellectual property rights, especially patent rights. In particular, no warranty, whether express or implied, or guarantee of product properties in the legal sense is intended or implied. We reserve the right to make any changes according to technological progress or further developments. The customer is not released from the obligation to conduct careful inspection and testing of incoming goods. Performance of the product described herein should be verified by testing, which should be carried out only by qualified experts in the sole responsibility of a customer. Reference to trade names used by other companies is neither a recommendation, nor does it imply that similar products could not be used.

**SAFETY DATA SHEET (EC 1907/2006)****Carrara Press Pellets****Sakura Volumia Press Pellets****DeguDent**  
A Dentsply Company

Material no.		Version	<b>1.2 / GB</b>
Specification	<b>173002</b>	Revision date	<b>01.12.2014</b>
VA-Nr	<b>01,699,502</b>	Print Date	<b>01.12.2014</b>
		Page	<b>7 / 7</b>

**Legend**

<b>ADR</b>	European Agreement concerning the International Carriage of Dangerous Goods by Road
<b>ADN</b>	European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways
<b>ASTM</b>	American Society for Testing and Materials
<b>ATP</b>	Adaptation to Technical Progress
<b>BCF</b>	Bioconcentration factor
<b>BetrSichV</b>	German Ordinance on Industrial Safety and Health
<b>c.c.</b>	closed cup
<b>CAS</b>	Chemical Abstract Services
<b>CESIO</b>	European Committee of Organic Surfactants and their Intermediates
<b>ChemG</b>	German Chemicals Act
<b>CMR</b>	carcinogenic-mutagenic-toxic for reproduction
<b>DIN</b>	German Institute for Standardization
<b>DMEL</b>	Derived minimum effect level
<b>DNEL</b>	Derived no effect level
<b>EINECS</b>	European Inventory of Existing Commercial Chemical Substances
<b>EC50</b>	half maximal effective concentration
<b>GefStoffV</b>	German Ordinance on Hazardous Substances
<b>GGVSEB</b>	German ordinance for road, rail and inland waterway transportation of dangerous goods
<b>GGVSee</b>	German ordinance for sea transportation of dangerous goods
<b>GLP</b>	Good Laboratory Practice
<b>GMO</b>	Genetic Modified Organism
<b>IATA</b>	International Air Transport Association
<b>ICAO</b>	International Civil Aviation Organization
<b>IMDG</b>	International Maritime Dangerous Goods
<b>ISO</b>	International Organization For Standardization
<b>LOAEL</b>	Lowest observed adverse effect level
<b>LOEL</b>	Lowest observed effect level
<b>NOAEL</b>	No observed adverse effect level
<b>NOEC</b>	no observed effect concentration
<b>NOEL</b>	no observed effect level
<b>o. c.</b>	open cup
<b>OECD</b>	Organisation for Economic Cooperation and Development
<b>OEL</b>	Occupational Exposure Limit
<b>PBT</b>	Persistent, bioaccumulative, toxic
<b>PEC</b>	Predicted effect concentration
<b>PNEC</b>	Predicted no effect concentration
<b>REACH</b>	REACH registration
<b>RID</b>	Convention concerning International Carriage by Rail
<b>STOT</b>	Specific Target Organ Toxicity
<b>SVHC</b>	Substances of Very High Concern
<b>TA</b>	Technical Instructions
<b>TPR</b>	Third Party Representative (Art. 4)
<b>TRGS</b>	Technical Rules for Hazardous Substances
<b>VCi</b>	German chemical industry association
<b>vPvB</b>	very persistent, very bioaccumulative
<b>VOC</b>	volatile organic compounds
<b>VwVwS</b>	German Administrative Regulation on the Classification of Substances Hazardous to Waters into Water Hazard Classes
<b>WGK</b>	Water Hazard Class
<b>WHO</b>	World Health Organization