

## Safety data sheet

according to 1907/2006/EC, Article 31

Printing date 24.03.2011

Revision: 24.03.2011

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

- **Product identifier**
- **Trade name:** Pearlescent Pigment PRESTIGE Sapphire  
Pearlescent Pigment PRESTIGE Emerald  
Pearlescent Pigment PRESTIGE Amethyst  
Pearlescent Pigment PRESTIGE Obsidian
- **MSDS number:** PRES4
- **Relevant identified uses of the substance or mixture and uses advised against**
- **Application of the substance / the preparation Pigment**
- **Details of the supplier of the safety data sheet**
- **Manufacturer/Supplier:**  
ECKART GmbH  
Güntersthal 4  
D-91235 Hartenstein
- **Further information obtainable from:**  
O-SE-RA  
Tel. +49 (0)9152 - 77 4492  
Angelika.HartlGunselmann@altana.com
- **Emergency telephone number:**  
GBK Gefährgut Büro GmbH, Ingelheim, Germany:  
From Outside US: (001) 352-323-3500  
(First call in English / Response in your language is possible)  
Toll free (US&Canada): 1-800-5355053

### 2 Hazards identification

- **Classification of the substance or mixture**
- **Classification according to Directive 67/548/EEC or Directive 1999/45/EC** Not applicable.
- **Information concerning particular hazards for human and environment:** Not applicable.
- **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).
- **Risk phrases:** -
- **Safety phrases:** -
- **Other hazards**
- **Results of PBT and vPvB assessment**
- **PBT:** Not applicable.
- **vPvB:** Not applicable.

### 3 Composition/information on ingredients

- **Chemical characterization:** Mixtures
- **Description:**  
mica (coloured)  
mica + titanium dioxide + tin oxide + ferric ferrocyanide + iron oxide
- **Dangerous components:** Void

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· **Additional information:** For the wording of the listed risk phrases refer to section 16.

### 4 First aid measures

- **Description of first aid measures**
- **General information:**  
 Take affected persons out of danger area and lay down.  
 Take affected persons out into the fresh air.
- **After inhalation:** Supply fresh air; consult doctor in case of complaints.
- **After skin contact:** Generally the product does not irritate the skin.
- **After eye contact:** Rinse opened eye for several minutes under running water.
- **After swallowing:** If symptoms persist consult doctor.

### 5 Firefighting measures

- **Extinguishing media**
- **Suitable extinguishing agents:** Use fire extinguishing methods suitable to surrounding conditions.

### 6 Accidental release measures

- **Personal precautions, protective equipment and emergency procedures**  
 Wear protective equipment. Keep unprotected persons away.
- **Environmental precautions:** No special measures required.
- **Methods and material for containment and cleaning up:** Pick up mechanically.
- **Reference to other sections** No dangerous substances are released.

### 7 Handling and storage

- **Handling:**
- **Precautions for safe handling**  
 Any unavoidable deposit of dust must be regularly removed.  
 Prevent formation of dust.
- **Information about fire - and explosion protection:** The product is not flammable.
- **Conditions for safe storage, including any incompatibilities**
- **Storage:**
- **Requirements to be met by storerooms and receptacles:** No special requirements.
- **Information about storage in one common storage facility:** Not required.
- **Further information about storage conditions:**  
 Store in dry conditions.  
 Keep container tightly sealed.

### 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:**

12001-26-2 Mica

WEL Long-term value: 10\* 0.8\*\* mg/m<sup>3</sup>  
 \*total inhalable \*\*respirable

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- **Additional information:** The lists valid during the making were used as basis.
- **Exposure controls**
- **Personal protective equipment:**
- **General protective and hygienic measures:**  
Do not eat, drink, smoke or sniff while working.  
Wash hands before breaks and at the end of work.
- **Respiratory protection:** Filter P2
- **Protection of hands:**  
Leather gloves  
Preventive skin protection by use of skin-protecting agents is recommended.  
Prior to contact with the waterinsoluble substance / product / preparation apply watersoluble skin-protecting agent (fat-free film former or O/W-emulsions).
- **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 trough time has to be found out by the manufacturer of the protective gloves and has to be observed.
- **Eye protection:** Safety glasses
- **Body protection:** Protective work clothing

## 9 Physical and chemical properties

### · Information on basic physical and chemical properties

#### · General Information

#### · Appearance:

<b>Form:</b>	Powder
<b>Colour:</b>	According to product specification
<b>Odour:</b>	Odourless

#### · Change in condition

<b>Melting point/Melting range:</b>	Undetermined.
<b>Boiling point/Boiling range:</b>	Undetermined.

· **Flash point:** Not applicable.

· **Self-igniting:** Product is not selfigniting.

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

· **Density:** Not determined.

· **Bulk density:** 150-500 kg/m<sup>3</sup>

· **Solubility in / Miscibility with water:** Insoluble.

## 10 Stability and reactivity

### · Reactivity

#### · Chemical stability

#### · Thermal decomposition / conditions to be avoided:

No decomposition if used and stored according to specifications.  
No decomposition if used according to specifications.

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- **Possibility of hazardous reactions** No dangerous reactions known.
- **Hazardous decomposition products:** No dangerous decomposition products known.

### 11 Toxicological information

- **Information on toxicological effects**
- **Acute toxicity:**
- **Primary irritant effect:**
- **on the skin:** No irritant effect.
- **on the eye:** No irritating 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.

### 12 Ecological information

- **Toxicity**
- **Acquatic toxicity:** No further relevant information available.
- **Additional ecological information:**
- **General notes:**  
Generally not hazardous for water  
Do not allow product to reach ground water, water course or sewage system.
- **Results of PBT and vPvB assessment**
- **PBT:** Not applicable.
- **vPvB:** Not applicable.

### 13 Disposal considerations

- **Waste treatment methods**
- **Recommendation** Smaller quantities can be disposed of with household waste.
- **Uncleaned packaging:**
- **Recommendation:** Disposal must be made according to official regulations.

### 14 Transport information

- **Land transport ADR/RID (cross-border)**
- **ADR/RID class:** -

- **Maritime transport IMDG:**
- **IMDG Class:** -
- **Marine pollutant:** No

- **Air transport ICAO-TI and IATA-DGR:**
- **ICAO/IATA Class:** -

- **Transport/Additional information:** Not dangerous according to the above specifications.

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### **15 Regulatory information**

- **Safety, health and environmental regulations/legislation specific for the substance or mixture**
- **Labelling according to EU guidelines:**  
*The product is not subject to identification regulations under EU Directives and the Ordinance on Hazardous Materials (German GefStoffV).*
- **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:** *O-SE-RA Regulatory Affairs*
- **Contact:**  
*Dr. Angelika Hartl-Gunselmann*  
*Tel.: ++49 (0) 9152 77 4492*  
*FAX: ++49 (0) 9152 77 4499*  
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- **\* Data compared to the previous version altered.**

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