

Safety Data Sheet

according to 1907/2006/EC, Article 31

Printing date 01.03.2010

Revision: 01.03.2010

1 Identification of the substance/preparation and of the company/undertaking

- **Product details**
- **Trade name:** Mirage Sparkling Silver
Mirage Glamour Red
Mirage Glamour Silver
Mirage Glamour Gold
Mirage Bright Silver
Mirage Twinkling Silver
Mirage Glamour Green
Mirage Glamour Blue
- **MSDS number:** MIRA1
- **Application of the substance / the preparation** Pigment
- **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
- **Information in case of emergency:**
GBK Gefahrgut 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

- **Hazard description:** Not applicable.
- **Information concerning particular hazards for human and environment:**
The product does not have to be labelled due to the calculation procedure of the "General Classification guideline for preparations of the EU" in the latest valid version.
- **Classification system:**
The classification is according to the latest editions of the EU-lists, and extended by company and literature data.

3 Composition/information on ingredients

- **Chemical characterization**
- **Description:**
Mixture of substances listed below with nonhazardous additions.
calcium sodium borosilicate platelets coated with titanium dioxide

· **Dangerous components:**

CAS: 13463-67-7	titanium dioxide	10-50%
EINECS: 236-675-5		

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

4 First-aid measures

- **General information:** No special measures required.
- **After inhalation:** Supply fresh air; consult doctor in case of complaints.
- **After skin contact:** Immediately wash with water and soap and rinse thoroughly.

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- *After eye contact:* Rinse opened eye for several minutes under running water.
- *After swallowing:* If symptoms persist consult doctor.

5 Fire-fighting measures

- *Suitable extinguishing agents:* -

6 Accidental release measures

- *Person-related safety precautions:* Wear protective equipment. Keep unprotected persons away.
- *Measures for environmental protection:* Do not allow to enter sewers/ surface or ground water.
- *Measures for cleaning/collecting:* Pick up mechanically.
- *Additional information:* No dangerous substances are released.

7 Handling and storage

- *Handling:*
- *Information for safe handling:*
Prevent formation of dust.
Store in cool, dry place in tightly closed receptacles.
- *Information about fire - and explosion protection:* No special measures required.
- *Storage:*
- *Requirements to be met by storerooms and receptacles:* Store in a cool location.
- *Information about storage in one common storage facility:* Not required.
- *Further information about storage conditions:* None.

8 Exposure controls/personal protection

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

- *Ingredients with limit values that require monitoring at the workplace:*

13463-67-7 titanium dioxide

WEL	Long-term value: 10* 4** mg/m ³
	*total inhalable **respirable

- *Additional information:* The lists valid during the making were used as basis.
- *Personal protective equipment:*
- *General protective and hygienic measures:*
The usual precautionary measures are to be adhered to when handling chemicals.
- *Respiratory protection:* Use suitable respiratory protective device in case of insufficient ventilation.
- *Protection of hands:*
Protective gloves and protective skin cream
Preventive skin protection by use of skin-protecting agents is recommended.
- *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.

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- **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.
- **Eye protection:** *Safety glasses*
- **Body protection:** *Protective work clothing*

9 Physical and chemical properties

· General Information

Form:	<i>Solid</i>
Colour:	<i>According to product specification</i>
Odour:	<i>Characteristic</i>

· Change in condition

Melting point/Melting range: *Undetermined.*
Boiling point/Boiling range: *2501°C*

· **Flash point:** *Not applicable.*

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

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

· **Density:** *Not determined.*

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

10 Stability and reactivity

- **Thermal decomposition / conditions to be avoided:** *No decomposition if used according to specifications.*
- **Dangerous reactions** *No dangerous reactions known.*
- **Dangerous decomposition products:** *No dangerous decomposition products known.*

11 Toxicological information

- **Acute toxicity:**
- **Primary irritant effect:**
- **on the skin:** *No irritant effect.*
- **on the eye:** *No irritating effect.*
- **Sensitization:** *No sensitizing effects known.*

12 Ecological information

- **General notes:**
Water hazard class 1 (German Regulation) (Self-assessment): slightly hazardous for water
Do not allow product to reach ground water, water course or sewage system.

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13 Disposal considerations

- **Product:**
- **Recommendation**
Must not be disposed together with household garbage. Do not allow product to reach sewage system.
- **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:** -
- **Air transport ICAO-TI and IATA-DGR:**
- **ICAO/IATA Class:** -

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

15 Regulatory information

- **Labelling according to EU guidelines:** *Observe the general safety regulations when handling chemicals.*
- **Risk phrases:** -
- **Safety phrases:** -

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
Angelika.HartlGunselmann@altana.com
- *** Data compared to the previous version altered.**

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