

# Safety Data Sheet

## according to Regulation (EC) No 1907/2006 (REACH)



Trade name: Seifenpigment gold und silber/ Soap pigment gold and silver  
Product No: 7002.503.80, 85  
Version: 2.0 / EN

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Print date: 27.08.2018  
Revision date: 20.09.2016

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

**1.1 Product identifier:** Soap pigments in gold and silver

**1.2 Relevant identified uses:** see product information

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

**Supplier:**

Rico Design GmbH & Co. KG  
Industriestr. 19-23  
D-33034 Brakel  
Information contact  
Tel. : +49 – 5272-602-0  
Fax. : +49 – 5272-602-858  
Email : sds@rico-design.de

**1.4 EMERGENCY TELEPHONE NUMBER:**  
+49-5272-602-0 (during office hours from 9 am to 4 pm, EST)

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### SECTION 2: Hazards identification

**2.1 \* Classification of the substance or mixture:**

This mixture is not classified as hazardous according to regulation (EC) 1272/2008 [CLP].

**2.2 \* Label elements**

**Labelling according to Regulation (EC) No 1272/2008 [CLP/GHS] void**

**Hazard pictograms:** void

**Signal word:** void

**Hazard statements:** void

**Precautionary statements:**

P260 Do not breathe dust.

**Supplemental Hazard information:** void

**Special rules for supplemental label elements for certain mixtures:** void

**Additional labelling:** void

**2.3 \* Other hazards:** none

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### SECTION 3: Composition/information on ingredients

**3.1 Substances**  
*not applicable*

**3.2 Mixtures**

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\* **Description of the mixture:** Mica coated with titanium dioxide and some tin oxide.

CAS-No.	EINECS-No.	Identification	Fraction	Labelling
12001-26-2	310-127-6	Mica	33 – 44 %	-
1317-80-2	215-282-2	Titanium(IV) oxide	56 – 66 %	-
189282-10-5	242-159-0	Tin(IV) oxide	< 1 %	-

**Hazardous ingredients:** void

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## SECTION 4: First aid measures

### 4.1 Description of first aid measures

\* **General information**

In case of unconsciousness, induce nothing orally. When in doubt or if symptoms are observed, get medical advice.

\* **Following inhalation**

Provide fresh air. Help with breathing difficulties, if necessary, and call a doctor immediately.

\* **Following skin contact**

After contact with skin, wash immediately with plenty of water and soap. If irritation persists, seek medical advice.

\* **Following eye contact**

Immediately wash eyes with plenty of water for at least 15 minutes and seek medical attention.

\* **Following ingestion**

If large quantities have been ingested, seek medical advice. No danger under normal conditions of use.

### 4.2 \* **Most important symptoms and effects, both acute and delayed**

none

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

none

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## SECTION 5: Firefighting measures

### 5.1 Extinguishing media.

\* Suitable extinguishing media: Use suitable extinguishing media for surrounding fire.

\* Unsuitable extinguishing media: No restrictions.

### 5.2 \* **Special hazards arising from the substance or mixture**

Product itself does not burn. Ambient fire can cause the formation of dangerous vapors.

### 5.3 \* **Advice for fire-fighters**

Protective equipment: In case of fire: Wear self-contained breathing apparatus.

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## SECTION 6: Accidental release measures

### 6.1 \* Personal precautions, protective equipment and emergency procedures

Avoid dust formation.

### 6.2 \* Environmental precautions

No special environmental measures required.

### 6.3 \* Methods and material for containment and cleaning up

Take up dry.

### 6.4 \* 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.

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## SECTION 7: Handling and storage

### 7.1 \* Precautions for safe handling

Avoid breathing dust as well as contact with eyes. Provide adequate ventilation. Thorough skin-cleansing after handling the product. Wet product residues can be slippery.

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

**\* Requirements for storage rooms and vessels:** Store cool and dry. Keep container tightly closed to prevent contamination.

**Further information on storage conditions:** void

### 7.3 Specific end uses

void

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## SECTION 8: Exposure controls/personal protection

### 8.1 \* Control parameters

**General dust limit:**

TRGS 900 AGW: 3 mg/m<sup>3</sup> (Respirable dust)

AGW: 10 mg/m<sup>3</sup> (Inhalable dust)

Short term category: Category II: Resorptive substances.

Type of Exposure: Alveolar gangrene dust

Short term category: Category II: Resorptive substances.

Type of exposure: Inhalable dust.

Contains no substances with occupational exposure limits.

- **Limitation and monitoring of exposure**

Technical measures: none

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### 8.2 \* Exposure controls

**Protection measures:** Wash hands before and after work.

**Personal protective equipment:** Not necessary.

**Eye / Face protection:** Safety glasses with side shielding.

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**Skin protection:** Not necessary.

**Respiratory protection:** If necessary, use approved respirator to protect against dust.

8.2.3 Environmental exposure controls: n.a.

## SECTION 9. Physical and chemical properties

9.1 \* Information on basic physical and chemical properties

\* Appearance

Physical state: powder

Colour: depends

Odour: neutral

	Value	Method	Temperature
pH	7 - 11		
Melting point/freezing point	n.a.		
Initial boiling point/boiling range			
Flash point	not determined		
Evaporation rate			
Flammability (solid, gas)	n.a.		
Upper/lower flammability or explosive limits			
Upper explosive limits			
Lower explosive limits			
Vapour pressure			
Vapour density			
Relative density	3,2 – 3,5 g/cm <sup>3</sup>		
Solubility(ies)	insoluble		
Partition coefficient: n-octanol/water			
Auto-ignition temperature			
Decomposition temperature			
Viscosity			
Viscosity, dynamic	not determined		
Viscosity, cinematic			
Explosive properties			
Oxidising properties			

9.2 \* Other information:

Bulk density (g/100mL)	32 - 35		
Particle size	5 – 25 qm		
Fire-promoting properties	none		

## SECTION 10: Stability and reactivity

10.1 \* Reactivity

No information available.

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- 10.2 \* Chemical stability**  
Stable under recommended storage and handling conditions.
- 10.3 \* Possibility of hazardous reactions:** none
- 10.4 \* Conditions to avoid:** none
- 10.5 Incompatible materials:** none
- 10.6 Hazardous decomposition products:** n.a.
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## SECTION 11: Toxicological information

### 11.1 Information on toxicological effects

- \* **Acute toxicity** n.a.
- \* **Acute toxicity, inhalative** n.a.
- \* **irritation on the eye** none

#### **Summary assessment of CMR properties**

This substance does not meet the criteria for classification as CMR category 1A or 1B according to CLP.

#### \* **Additional toxicological information**

No known target organ toxicant effect after single or repeated exposure.

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## SECTION 12: Ecological information

- 12.1 \* Toxicity** No further relevant information available.
- 12.2 \* Persistence and degradability** No further relevant information available.
- 12.3 \* Bioaccumulative potential** No further relevant information available.
- 12.4 \* Mobility in soil** No further relevant information available.
- 12.5 Results of PBT and vPvB assessment** No further relevant information available.
- 12.6 \* Other adverse effects:** With proper handling no ecological problems are to be expected.
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## SECTION 13: Disposal considerations

### 13.1 \* Waste treatment methods

#### **Recommendation:**

Dispose of according to waste directive 2008/98/EC and in compliance with national and local regulations.

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## SECTION 14: Transport information

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This mixture is not classified as dangerous according to international transport regulations (ADR/RID, IMDG, ICAO/IATA). No dangerous good in sense of these transport regulations.

	Land transport (ADR/RID)	Inland waterway transport (ADN)	Sea transport (IMDG)	Air transport (ICAO-TI / IATA-DGR)
14.1 UN No.	n.a.	n.a.	n.a.	n.a.
14.2 UN Proper shipping name	n.a.	n.a.	n.a.	n.a.
14.3 Transport hazard class(es)	n.a.	n.a.	n.a.	n.a.
Hazard label(s)	n.a.	n.a.	n.a.	n.a.
14.4 Packing group	n.a.	n.a.	n.a.	n.a.
14.5 Environmental hazards	n.a.	n.a.	n.a.	n.a.

14.6 Special precautions for user: n.a.

14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code n.a.

## SECTION 15: Regulatory information

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

EU regulations

Other EU regulations

### \* National regulations

- Water hazard class (WGK): nwg (not hazardous to water)
- Storage class (VCI): 10 - 13

15.2 Chemical Safety Assessment

Chemical safety assessments for substances in this mixture were not carried out.

## SECTION 16: Other information

16.1 Indication of changes: Amendments to the last edition are highlighted with \* on the margin. This version replaces all previous issues.

16.2 Abbreviations and acronyms

16.3 Key literature references and sources for data

16.4 Classification for mixtures and used evaluation method according to regulation (EC) 1207/2008 [CLP]

See SECTION 2.1 (classification).

16.5 Relevant P-, H- and EUH-phrases (number and full text): n.a.

16.6 Training advice: n.a.

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## 16.7 Further information

The content of this safety data sheet complies with our current state of knowledge and is sufficient for the national and the EC legislation. The given working conditions of the user, however, elude our knowledge and control. The user is responsible for compliance with all necessary legal provisions. This safety data sheet describes the safety requirements of our product and does not constitute an assurance of product characteristics. The information is required according to Article 14 of the Hazardous Substances Ordinance of 26.10.93.