

# Material Safety Data Sheet 1907/2006 REACH

Sprache :E

Date :04.04.2014

old SFS

: 17.02.2013

## 1. Product and company name

- 1.1 Trade name : Spinel orange  
1.2 Company : Kreidezeit Naturfarben GmbH  
1.3 Address : Kassemühle 3, D-31196 Sehlem, Germany  
1.4 Telephone : +49-(0)5060-6080650  
1.5 Emergency : +49-(0)5060-6080650 (only during opening times)

2. Possible dangers :  
no danger symbols

## 3. Composition/Information on ingredient

### 3.1 Components

- (a) 068186-90-3 Ti-Cr-Sb-O Rutile  
(b)  
(c)  
(d)  
(e)  
(f)

### 3.2 Characterisation of the contents mater. after 3.1 :

Weig.%	CAS-NR.	EINECS-N	INDEX-NR	C.I.
(a) 100	068186-90-3	269-052-1	77310	Pigmentbrown 24
(b)				
(c)				
(d)				
(e)				
(f)				

## 4 First aid measures

4.1 General instructions :  
none

4.2 With eye contact :  
Wash thoroughly with plenty of clean water.  
If eye irritation persists, consult a specialist

4.3 With skin contact :  
wash off with soap and plenty of water

4.4 With ingestion :  
Contact a physician.

4.5 With inhalation :  
ensure supply of fresh air.  
Seek medical advice immediately.

4.6 Information to the physic:  
Medical treatment for less toxic substances

*The managing data refer to the today's conditions of our knowledge.  
The safety data sheet does not represent a warranty of characteristics.*

**5. Fire fighting measures**

**5.1 Suitable extinguishing :**

All extinguishing measures

**5.2 Unusual fire and explosion hazards :**

None

**5.3 Special exposure hazardous arising from the substance or preparation:**

none

**5.4 Special protective equipment for firefighters :**

none

**6. Measures during unintentional release**

**6.1 Personal precautionary measures :**

Contact with skin, eyes and clothes avoid.

Dust formation avoid.

**6.2 Environment protection measures :**

Deposit industrial waste according to the LAW

**6.3 Cleaning procedures :**

Avoid breathing the dust and gather it

in box

**6.4 Additional instructions :**

none

**7. Handling and storage**

**7.1 Handling :**

Avoid breathing the dust. If necessary, use an approved respirator for dust, gloves and safety glasses.

**7.2 Storage :**

Keep the box closed

**8. Exposure controls/personal protection**

**8.1 Organization technical equipment :**

Use technical equipment properly to avoid breathing the dust

**8.2 Exposure limits :**

TRGS900 (Germany, 1/2006):

Limit for dust for alveolar fraction: 3mg/m<sup>3</sup> 8 hours

Limit for dust for inhalable fraction: 3mg/m<sup>3</sup> 8 hours

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8.3 Industrial hygiene and personal protection equipment:

8.3.2 **Respiratory prot.** : Dust respirator  
8.3.3 **Eye protection** : Safety glasses  
8.3.4 **Skin protection** : none  
8.3.5 **Hand protection** : Safety protection-gloves

**9. Physical and chemical properties**

9.1 **Appearance** :

9.1.1 **Form** :solid                    9.1.2 **Color** :orange                    9.1.3 **Odour** :none

9.2 **Important Security data** :  
not flammable

9.3 **Other information** :  
none

**10. Stability and reactivity**

10.1 **Conditions to avoid** :  
not known

10.2 **Materials to avoid** :  
not known

10.3 **Hazardous decomposition products** :  
none

## **11. Toxicological information**

- 11.1 Acute toxicity** :  
product is an inorganic color pigment with rutile structure containing no bioavailable species. LD50/oral/rat: >5000 mg/kg  
Skin, mucous membrane: (rabbit, Draize-test) no irritation
- 11.2 Subacute toxicity** :  
no data available
- 11.3 Experience with people** :  
no data available
- 11.4 Additional instructions** :  
none

**12 Ecological information** :  
do not empty the product into drains and waters without primary treatment and do not store on public depositories

**13 Disposal references** :  
According to the LAW

**14 Transport instructions** :  
No danger by transportation

## **15. Regulatory information**

Labeling in accordance with EC dire:  
No index necessary

**16 Additional information** :  
Water endangerment class: Rutile, substitutes. Inorganic pigment (synthetic minerals), chemically and thermally stable.