

Material Safety Data Sheet 1907/2006 REACH

Sprache :E

Date :04.04.2014

old SFS

: 24.02.2013

1. Product and company name

- 1.1 Trade name : Spinel green
1.2 Company : Kreidezeit Naturfarben GmbH
1.3 Address : Kassemuehle 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) 068186-85-6 Ni-Co-Zn-Ti-O Spinel
(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	068186-85-6	269-047-4	77377	Pigmentgreen 50
(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/m³ 8 hours

Limit for dust for inhalable fraction: 3mg/m³ 8 hours

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8.3 Industrial hygiene and personal protection equipmen:

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** : powder 9.1.2 **Colour**:green 9.1.3 **Odour** :no odour

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 produkts** :
none

11. Toxicological informations

11.1 Acute toxicity :
product is an inorganic colour 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 :

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 colorpigment
(synthetics minerals), chemically and thermally stably.