

# SAFETY DATA SHEET

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

## series 18 - Pigments (Cobalt-pigments)

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

#### 1.1 Product identifier

Trade name

- 18 482 - Cobalt violet
- 18 487 - Cerulean blue
- 18 489 - Cobalt blue light
- 18 494 - Cobalt blue deep
- 18 501 - Cobalt turquoise
- 18 502 - Cobalt green deep
- 18 509 - Cobalt green light

#### 1.2 Relevant identified uses of the substance or mixture and uses advised against

##### General use

Products for creation of art.

##### Uses advised against

#### 1.3 Details of the supplier of the safety data sheet

H. Schmincke & Co. GmbH & Co. KG  
Otto-Hahn-Str. 2  
D - 40699 Erkrath  
Tel. +49 (0) 211-2509-0  
Fax. +49 (0) 211-2509-497  
info@schmincke.de  
www.schmincke.de

##### Dept. responsible for information

Schmincke-lab:  
mo-th 8.00-16.30,fr 8.00-13.30  
Tel. +49 (0) 211-2509-474  
labor@schmincke.de

#### 1.4 Emergency telephone number

Emergency  
Information  
Phone #

Emergencycall Berlin  
(24h - counseling in german and english)  
+49 (0) 30-30686790

### SECTION 2: Hazards identification

#### 2.1 Classification of the substance or mixture

##### Classification according to EC regulation 1272/2008 (CLP)

no hazard labelling required

#### 2.2 Label elements

##### Labelling (CLP)

##### Signal word

##### Hazard statements

no hazard labelling required

##### Safety precautions

P260 Do not breathe dust.

#### 2.3 Other hazards

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### SECTION 3: Composition / information on ingredients

#### 3.1 Substances

##### Chemical characterisation

pigment

CAS-Number

EINECS / ELINCS / NLP

EU index number

Customs tariff number

REACH registration No.

RTECS-no.

Hazchem-Code

CI-Number

18 482 - PV 14 / 13455-36-2

18 487 - PB 35 / 68187-05-3

18 489 - PB 28 / 1345-16-0

18 494 - PB 74 / 68412-74-8

18 501 - PG 50 / 68186-85-6

18 502 - PG 26 / 68187-49-5

18 509 - PG 19 / 8011-87-8

#### 3.2 Mixtures

##### Additional information

### SECTION 4: First aid measures

#### 4.1 Description of first aid measures

##### General information

If you feel unwell, seek medical advice (show the label where possible).

##### In case of inhalation

In case of allergic symptoms, especially in the breathing area, seek medical advice immediately.

##### In case of skin contact

Wash with generous amount of water and soap. May cause sensitisation especially in sensitive humans. Frequently or prolonged contact with skin may cause dermal irritation.

##### After eye contact

In case of contact with eyes, rinse immediately with plenty of flowing water for 10 to 15 minutes holding eyelids apart. Seek medical attention if irritation persists.

##### After swallowing

Rinse mouth with water. Seek medical treatment in case of troubles.

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

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

### SECTION 5: Firefighting measures

#### 5.1 Extinguishing media

##### Suitable extinguishing media

Product is non-combustible. Extinguishing materials should therefore be selected according to surroundings.

##### Extinguishing media which must not be used for safety reasons

water Full water jet,

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

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In case of fire may be liberated: sulphur oxides, Carbon monoxide and carbon dioxide

### **5.3 Advice for firefighters**

Special protective equipment for firefighters

Additional information

## SECTION 6: Accidental release measures

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

Avoid contact with skin, eyes, and clothing.

### **6.2 environmental precautions**

Discharge into the environment must be avoided.

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

Methods for cleaning up

Take up mechanically. Wash spill area with plenty of water.

Additional information

### **6.4 Reference to other sections**

Dispose of waste according to applicable legislation. refer to section 13

## SECTION 7: Handling and storage

### **7.1 Precautions for safe handling**

Advices on safe handling

Handle in accordance with good industrial hygiene and safety practice. Avoid dust formation. Wash hands before breaks and after work.

Precautions against fire and explosion

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

Requirements for storerooms and containers

Keep container tightly closed.

Hints on joint storage

Storage class

Further details

Protect from moisture contamination.

### **7.3 Specific end use(s)**

No special measures necessary if stored and handled as prescribed.

## SECTION 8: Exposure controls/personal protection

### **8.1 Control parameters**

### **8.2 Exposure controls**

#### **Occupational exposure controls**

Respiratory protection

Respiratory protection must be worn whenever the WEL levels have been exceeded.

Particle filter device (DIN EN 143)

Hand protection

Protect skin by using skin protective cream.

Eye protection

In case of dust formation: tightly sealed goggles according to EN 166

Body protection

Wear suitable protective clothing. Wash contaminated clothing prior to re-use.

General protection and hygiene measures

Wash hands before breaks and after work.

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### SECTION 9: Physical and chemical properties

#### 9.1 information on basic physical and chemical properties

Form Powder  
Colour -  
Odour odourless

min max

Initial boiling point and  
boiling range  
Melting point/freezing point  
Flash point/flash point range  
Flammability  
Ignition temperature  
Auto-ignition temperature  
Explosion limits  
Refraction index

Partition coefficient: n-octanol/water  
Danger of explosion

Vapour pressure  
Density 3 - 5 g/ml 20 °C  
PH value 0 0

Viscosity dynamic of  
Viscosity dynamic up to

Viscosity kinematic of  
Viscosity kinematic up to

#### 9.2 Other information

### SECTION 10: Stability and reactivity

#### 10.1 Reactivity

No hazardous reaction when handled and stored according to provisions.

#### 10.2 Chemical stability

Product is stable under normal storage conditions.

#### 10.3 Possibility of hazardous reactions

#### 10.4 Conditions to avoid

heat  
On heating or in case of fire toxic gases may form.

#### 10.5 Incompatible materials

strong acids

#### 10.6 Hazardous decomposition products

hydrogen sulfide

### SECTION 11: Toxicological information

#### 11.1 Information on toxicological effects

##### Acute toxicity

LD50( Rat): > 5000 mg/kg

Data arise from reference works and literature.

##### In case of inhalation

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No data available

### After swallowing

No data available

### In case of skin contact

No data available

### After eye contact

No data available

### Practical experience

### General remarks

### Toxicological tests

## SECTION 12: Ecological information

### 12.1 Toxicity

Aquatic toxicity

Water Hazard Class 1

WGK catalog number

General information

### 12.2 Persistence and degradability

Further details

Product is partially biodegradable.

Oxygen demand

### 12.3 Bioaccumulative potential

Bioconcentration factor (BCF)

Partition coefficient: n-octanol/water

### 12.4 Mobility in soil

No data available

### 12.5 Results of PBT and vPvB assessment

No data available

### 12.6 Other adverse effects

General information

### Ecotoxicological effects

## SECTION 13: Disposal considerations

### 13.1 Waste treatment methods

#### Product

Waste key number

080112 080112 waste paint and varnish other than those mentioned in 080111

Recommendation

#### Contaminated packaging

Waste key number

Recommendation

#### Additional information

Send to a hazardous waste incinerator facility under observation of official regulations.

## SECTION 14: Transport information

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### 14.1 UN number

### 14.2 UN proper shipping name

ADR, ADN No dangerous good in sense of these transport regulations.  
IMDG, IATA

### 14.3 Transport hazard class(es)

ADR, ADN  
IMDG  
IATA

### 14.4 Packing group

### 14.5 Environmental hazards

Marine Pollutant - IMDG  
Marine Pollutant - ADN

### 14.6 Special precautions for user

#### Land transport

Code: ADR/RID  
Kemmler-number  
Hazard label ADR  
Limited quantities  
Contaminated packaging: Instructions  
Contaminated packaging: Special provisions  
Special provisions for packing together  
Portable tanks: Instructions  
Portable tanks: Special provisions  
Tank coding  
Tunnel restriction  
Remarks  
EQ  
Special provisions

#### Inland waterway craft

Hazard label  
Limited quantities  
Transport permitted  
Equipment necessary  
Ventilation  
Remarks  
EQ  
Special provisions

#### Sea transport

EmS  
Special provisions  
Limited quantities  
Contaminated packaging: Instructions  
Contaminated packaging: Special provisions  
IBC: Instructions  
IBC: Provisions  
Tank instructions IMO  
Tank instructions UN  
Tank instructions Special provisions  
Stowage and segregation

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Properties and observations

Remarks

EQ

### Air transport

Hazard

Passenger

Passenger LQ

Cargo

ERG

Remarks

EQ

Special Provisioning

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

No data available

## SECTION 15: Regulatory information

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

#### National regulations

##### Europe

Contents of VOC [%]

Contents of VOC

[g/L]

Further regulations, limitations and legal requirements

##### Germany

Storage class

Water Hazard Class 1

WGK catalog number

Incident regulation

Information on working limitations

Further regulations, limitations and legal requirements

##### Denmark

Further regulations, limitations and legal requirements

##### Hungary

Further regulations, limitations and legal requirements

##### Great Britain

Further regulations, limitations and legal requirements

##### Switzerland

Contents of VOC [%]

0

Further regulations, limitations and legal requirements

##### USA

Further regulations, limitations and legal requirements

Federal Regulations

State Regulations

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### Japan

Further regulations, limitations and legal requirements

### Canada

Further regulations, limitations and legal requirements

## 15.2 Chemical Safety Assessment

## SECTION 16: Other information

### Further information

#### Hazard statements (CLP)

#### Further information

This information is based on our current state of knowledge and describes the security standards applicable to our product for the purpose provided. The information provided here does not constitute a legally binding warranty of specific characteristics or of suitability for a specific application use of the product is thus to be adapted to the user's special conditions and checked by preliminary tests. We are thus unable to guarantee product characteristics or accept an liability for damage arising in connection with the use of our products.

#### Literature

For abbreviations and acronyms, see: ECHA Guidance on information requirements and chemical safety assessment, chapter R.20 (Table of terms and abbreviations).

#### Reason of change

#### Additional information