

# Safety Data Sheet

According to regulation (EC) No. 1907/2006 (REACH)



## 47710 Graphite Powder Black

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Revised edition: 17.02.2016

Version: 1

Printed: 12.09.2017

### 1. Identification of the Substance/Mixture and of the Company/Undertaking

#### 1.1. Product Identifier

*Product Name:* Graphite Powder Black

*Article No.:* 47710

#### 1.2. Relevant identified Uses of the Substance or Mixture and Uses advised against

*Identified uses:*  
Coloring agent

*Uses advised against:*

#### 1.3. Details of the Supplier of the Safety Data Sheet (Producer/Importer)

*Company:* Kremer Pigmente GmbH & Co. KG

*Address:* Hauptstr. 41-47, 88317 Aichstetten, Germany

*Tel./Fax.:* Tel +49 7565 914480, Fax +49 7565 1606

*Internet:* www.kremer-pigmente.de

*EMail:* info@kremer-pigmente.de

*Importer:* --

#### 1.4. Emergency No.

*Emergency No.:* +49 7565 914480 (Mon-Fri 8:00 - 17:00)

### 2. Hazards Identification

#### 2.1. Classification of the Substance or Mixture

*Classification according to Regulation  
(EC) No. 1272/2008 (CLP/GHS)*

*This product does not require classification and labelling as hazardous according to CLP/GHS.*

*Classification according to Directive No.  
67/548/EC or No. 1999/45/EC*

*The material is not subject to classification according to EC lists.*

*Safety Phrases:*

*Possible Environmental Effects:*

#### 2.2. Label Elements

*Classification according to Regulation  
(EC) No. 1272/2008 (CLP/GHS)*

*No classification required according to the CLP/GHS guidelines.*

*Hazard designation:*

*Not applicable.*

*Signal word:*

*Hazard designation:*

*Safety designation:*

*Hazardous components for labelling:*

#### 2.3. Other Hazards

### Composition/Information on Ingredients

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### 3.

#### 3.1. Substance

#### 3.2. Mixture

*Chemical Characterization:* Natural graphite, CAS No. 999999-99-4 (natural occurring substance)

*Information on Components / Hazardous Ingredients:*

*Additional information:*

Exempted from the mandatory REACH Registration (Annex V No. 7)

### 4. First Aid Measures

#### 4.1. Description of the First Aid Measures

*General information:*

Seek medical attention in case of complaints.

*After inhalation:*

Supply fresh air. Consult physician if symptoms persist.

Give artificial respiration in case breathing is not regular or if it has stopped.

*After skin contact:*

Wash with soap and rinse with plenty of water.

*After eye contact:*

Rinse open eyes with plenty of water for at least 15 minutes.

Seek medical attention if irritation persists.

*After ingestion:*

Drink plenty of water. Get medical help in case of discomfort.

#### 4.2. Most important Symptoms and Effects, both Acute and Delayed

*Symptoms:*

No further information available.

*Effects:*

#### 4.3. Indication of any Immediate Medical Attention and special Treatment needed

*Treatment:*

No further information available.

### 5. Fire-Fighting Measures

#### 5.1. Extinguishing Media

*Suitable extinguishing media:*

Foam, carbon dioxide (CO<sub>2</sub>), water, dry sand.

*Unsuitable extinguishing media:*

None known.

#### 5.2. Special Hazards arising from the Substance or Mixture

*Special hazards:*

In case of fire: formation of carbon monoxide and dioxide.

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### 5.3. Advice for Firefighters

*Protective equipment:*

*Wear self-contained respiratory protective device.*

*Further information:*

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## 6. Accidental Release Measures

### 6.1. Personal Precautions, Protective Equipment and Emergency Procedures

*Personal precautions:*

*Avoid formation of dust, wear protective clothing.*

### 6.2. Environmental Precautions

*Environmental precautions:*

*No special measures required.*

### 6.3. Methods and Material for Containment and Cleaning Up

*Methods and material:*

*Clean up mechanically. Avoid dust formation.*

### 6.4. Reference to other Sections

*For information for safe handling see Section 7.*

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## 7. Handling and Storage

### 7.1. Precautions for Safe Handling

*Instructions on safe handling:*

*Avoid formation of dust. Do not inhale dust.*

*Hygienic measures:*

*Do not inhale dust. Wash hands before breaks and at the end of work.*

### 7.2. Conditions for Safe Storage, including any Incompatibilities

*Storage conditions:*

*Store in tightly sealed containers in a dry and cool room.*

*Protect against heat and direct sunlight.*

*Requirements for storage areas and containers:*

*No special measures necessary.*

*Information on fire and explosion protection:*

*Do not store together with: oxidants, halogenated compounds, fluorine, potassium and potassium oxide.*

*Storage class (VCI):*

*Further Information:*

### 7.3. Specific End Use(s)

*Further information:*

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## 8. Exposure Controls/Personal Protection

### 8.1. Parameters to be Controlled

*General dust limit*

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*Parameters to be controlled (DE):*

*Parameters to be controlled:*

*Derived No-Effect Level (DNEL):*

*Predicted No-Effect Concentration (PNEC):*

*Additional Information:*

### 8.2. Exposure Controls

*Technical protective measures:*

*Provide adequate ventilation in case of dust formation.*

*Personal Protection*

*General protective measures:*

*Keep away from foodstuffs and drinks. Do not eat, drink or smoke during work. Wash hands before breaks and at the end of work.*

*Respiratory protection:*

*Dust mask recommended when very dusty (with particle filter P1).*

*Hand protection:*

*Not required*

*Protective glove material:*

*Eye protection:*

*Recommended in case of extreme dust formation (EN 166).*

*Body protection:*

*No special protection required.*

*Environmental precautions:*

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## 9. Physical and Chemical Properties

### 9.1. Information on Basic Physical and Chemical Properties

*Form:* solid

*Color:* black

*Odor:* odorless

*Odor threshold:*  
*No information available.*

*pH-Value:*  
*not applicable*

*Melting temperature:*  
*not determined*

*Boiling temperature:*  
*not applicable*

*Flash point:*  
*not flammable*

*Evaporation rate:*

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*not applicable*

*Flammability (solid, gas):*

*not applicable*

*Upper explosion limit:*

*no information available*

*Lower explosion limit:*

*no information available*

*Vapor pressure:*

*not applicable*

*Vapor density:*

*No information available.*

*Density:*

*not available*

*Solubility in water:*

*insoluble*

*Coefficient of variation (n-Octanol/Water):*

*no information available*

*Auto-ignition temperature:*

*not determined*

*Decomposition temperature:*

*No data available.*

*Viscosity, dynamic:*

*not applicable*

*Explosive properties:*

*not explosive*

*Oxidizing properties:*

*no information available*

*Bulk density:*

#### 9.2. Further Information

*Solubility in solvents:*

*Viscosity, kinematic*

*Burning class:*

*Solvent content:*

*Solid content:*

*Particle size:*

*Other information:*

*No further information.*

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#### 10. Stability and Reactivity

##### 10.1. Reactivity

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*Stable if used according to specifications.*

### 10.2. Chemical Stability

*Stable if used according to specifications.*

### 10.3. Possibility of Hazardous Reactions

*None if handled and stored according to specifications.*

### 10.4. Conditions to Avoid

*Conditions to avoid:*

*Avoid direct sunlight and heat.*

*Thermal decomposition:*

### 10.5. Incompatible Materials

*None known.*

### 10.6. Hazardous Decomposition Products

*In the event of fire: see chapter 5.*

### 10.7. Further Information

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## 11. Toxicological Information

### 11.1. Information on Toxicological Effects

*No toxicity expected.*

*Acute Toxicity*

*LD50, oral:*

*LD50, dermal:*

*LC50, inhalation:*

*Primary effects*

*Irritant effect on skin:*

*No irritant effect known.*

*Irritant effect on eyes:*

*No irritant effect known.*

*Inhalation:*

*No irritant effect known.*

*Ingestion:*

*No irritant effect known.*

*Sensitization:*

*No sensitizing effects known.*

*Mutagenicity:*

*No relevant data found.*

*Reproductive toxicity:*

*No relevant data found.*

*Carcinogenicity:*

*This product is not considered to be a carcinogen by IARC, ACGIH, NTP or OSHA.*

*Teratogenicity:*

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*No information available.*

*Specific target organ toxicity (STOT):*

*No relevant data found.*

*Additional toxicological information:*

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### 12. Ecological Information

#### 12. 1. Aquatic Toxicity

*Crystalline natrual graphite is a chemically inert product, with no impact on the environment.*

*Fish toxicity:*

*Daphnia toxicity:*

*Bacteria toxicity:*

*Algae toxicity:*

#### 12. 2. Persistency and Degradability

*No information available.*

#### 12. 3. Bioaccumulation

*The product is not hazardous to the aquatic system.*

#### 12. 4. Mobility

*Product is not water soluble.*

#### 12. 5. Results of PBT- und vPvP Assessment

*Not applicable.*

#### 12. 6. Other Adverse Effects

*Water hazard class:*

*Not hazardous.*

*Behaviour in sewage systems:*

*Further ecological effects:*

*AOX Value:*

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### 13. Disposal Considerations

#### 13. 1. Waste Treatment Methods

*Product:*

*Dispose of according to official national and local regulations.*

*European Waste Code (EWC):*

*Uncleaned packaging:*

*Uncontaminated packaging may be recycled. Completely empty packaging can be disposed of with the regular waste.*

*Waste Code No.:*

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### 14. Transport Information

#### 14. 1. UN Number

*ADR, IMDG, IATA*

#### 14. 2. UN Proper Shipping Name

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ADR/RID:

*No hazardous goods according to ADR (land transportation).*

IMDG/IATA:

*No hazardous goods according to IMDG.*

### 14. 3. Transport Hazard Classes

ADR Class:

*not applicable*

Hazard no.:

Classification code:

Tunnel restriction code:

IMDG Class (sea):

Hazard no.:

EmS No.:

IATA Class:

*not applicable*

Hazard no.:

### 14. 4. Packaging Group

ADR/RID:

*not applicable*

IMDG:

IATA:

### 14. 5. Environmental Hazards

*None*

### 14. 6. Special Precautions for User

*Not classified as a dangerous good under transport regulations.*

### 14. 7. Transportation in Bulk according to Annex II of MARPOL 73/78 and IBC-Code

### 14. 8. Further Information

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## 15. Regulatory Information

### 15. 1. Safety, Health and Environmental Regulations/Legislation specific for the Substance or Mixture

Water hazard class:

*0, not hazardous (German Regulation)*

Local regulations on chemical accidents:

Employment restrictions:

Restriction and prohibition of application:

Technical instructions on air quality:

### 15. 2. Chemical Safety Assessment

*Exempted from the mandatory REACH Registration (Annex V No. 7)*

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### 15. 3. Further Information

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### 16. Other Information

*This product should be stored, handled and used in accordance with good hygiene practices and in conformity with any legal regulations. This information contained herein is based on the present state of knowledge and is intended to describe our product from the point of view of safety requirements. It should be therefore not be construed as guaranteeing specific properties.*