

# Material Safety Data Sheet

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



## 47000 Vine Black, German

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Revised edition: 25.03.2014

Version: 1

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

#### 1.1. Product Identifier

*Product Name:* Vine Black, German

*Article No.:* 47000

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

*Identified uses:*

*Pigment for the coloration of paint, paper, polymers or zement-bound building materials.*

*Uses advised against:*

#### 1.3. Details of the Supplier of the Safety Data Sheet

*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

#### 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 EC Regulation 1272/2008*

*This product is not classified as hazardous according to the CLP/GHS Directive.*

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

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

*Safety Phrases:*

*Possible Environmental Effects:*

*See Section 12.*

#### 2.2. Label Elements

*Classification according to EC Regulation 1272/2008*

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

*Hazard designation:*

*Not applicable.*

*Signal word:*

*Hazard designation:*

*Safety designation:*

*Hazardous components for labelling:*

**Other Hazards**

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2.3.

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### 3. Composition/Information on Ingredients

#### 3.1. Substance

#### 3.2. Mixture

*Chemical Characterization:* Pigment Black 8, C.I. 77268

*Hazardous Ingredients:*

Anthracite

CAS-Nr: 8029-10-5

EINECS-Nr: 215-609-9

EC-Nr:

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*Additional information:*

*Natural product: exempted from the mandatory REACH  
Registration (Annex V).*

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### 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 and seek medical advice in case of complaints.*

*After skin contact:*

*Remove contaminated clothing. Wash off immediately with plenty  
of water and soap.*

*After eye contact:*

*Rinse open eyes with plenty of water for at least 15 minutes.  
Consult a physician.*

*After ingestion:*

*Rinse mouth with plenty of water.  
If symptoms persist consult physician.*

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

*Symptoms:*

*No further information available.*

*Effects:*

*No further information available.*

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

*Treatment:*

*No information available.*

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### 5. Fire-Fighting Measures

#### 5.1. Extinguishing Media

*Suitable extinguishing media:*

*Use extinguishing media for surrounding fire.*

*Unsuitable extinguishing media:*

*Water with full jet.*

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

*Special hazards:*

*Danger of dust explosion.  
When heated or in case of fire: formation of hazard fumes possible.*

### 5.3. Advice for Firefighters

*Protective equipment:*

*Wear self-contained respiratory protective device.*

*Further information:*

*Do not inhale smoke.*

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## 6. Accidental Release Measures

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

*Personal precautions:*

*Wear protective clothing.  
Avoid contact with eyes and skin.*

### 6.2. Environmental Precautions

*Environmental precautions:*

*Prevent contamination of soil, drains and surface waters.*

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

*Methods and material:*

*Take up mechanically and collect in suitable containers for disposal.  
Collect powder using a special dust vacuum cleaner with particle filter.*

### 6.4. Reference to other Sections

*See Section 13 for information on disposal.*

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## 7. Handling and Storage

### 7.1. Precautions for Safe Handling

*Instructions on safe handling:*

*Provide adequate ventilation.  
Avoid formation of dust. Do not inhale dust.*

*Hygienic measures:*

*Do not eat or drink during work. Do not smoke.*

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

*Storage conditions:*

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

*Requirements for storage areas and containers:*

*No special measures necessary.*

*Information on fire and explosion protection:*

*Do not store together with ignitable sources, heat and fire.*

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*Storage class (VCI):*

10-13

*Further Information:*

### 7.3. Specific End Use(s)

*Further information:*

*No information available.*

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## 8. Exposure Controls/Personal Protection

### 8.1. Parameters to be Controlled

*Parameters to be controlled (DE):*

*TWA-Value: 3 mg/m<sup>3</sup> air-borne fraction (general dust limit; 8h)*

*TWA-Value: 10 mg/m<sup>3</sup> general dust limit inhalable fraction (8h)*

*Parameters to be controlled (EC):*

*Derived No-Effect Level (DNEL):*

*No values available.*

*Predicted No-Effect Concentration (PNEC):*

*No values available.*

*Additional Information:*

### 8.2. Exposure Controls

*Technical protective measures:*

*Provide adequate ventilation in case of dust formation.*

*Personal Protection*

*General protective measures:*

*Remove contaminated clothing. Wash hands after work.*

*Keep away from foodstuffs, beverages and feed.*

*Respiratory protection:*

*Respiratory equipment required in case of insufficient ventilation, filter type P2.*

*Hand protection:*

*Protective gloves (EN 374)*

*Protective glove material:*

*Eye protection:*

*Tightly fitting safety goggles (EN 166).*

*Body protection:*

*Protective clothing.*

*Environmental precautions:*

*No special measures required.*

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## 9. Physical and Chemical Properties

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

*Form: powder*

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<i>Color:</i>	<i>black</i>
<i>Odor:</i>	<i>none</i>
<i>Odor threshold:</i>	<i>No information available.</i>
<i>pH-Value:</i>	<i>9</i>
<i>Melting temperature:</i>	<i>not available</i>
<i>Boiling temperature:</i>	<i>not available</i>
<i>Flash point:</i>	<i>not available</i>
<i>Evaporation rate:</i>	<i>not applicable</i>
<i>Flammability (solid, gas):</i>	<i>not available</i>
<i>Upper explosion limit:</i>	<i>no information available</i>
<i>Lower explosion limit:</i>	<i>no information available</i>
<i>Vapor pressure:</i>	<i>not applicable</i>
<i>Vapor density:</i>	<i>No information available.</i>
<i>Density:</i>	<i>ca. 1.5 g/cm<sup>3</sup></i>
<i>Solubility in water:</i>	<i>insoluble</i>
<i>Coefficient of variation (n-Octanol/Water):</i>	<i>not applicable</i>
<i>Auto-ignition temperature:</i>	<i>No information available.</i>
<i>Decomposition temperature:</i>	<i>No data available.</i>
<i>Viscosity, dynamic:</i>	<i>not applicable</i>
<i>Explosive properties:</i>	<i>Product is not explosive; however, an explosive dust/air mixture can be formed.</i>
<i>Oxidizing properties:</i>	<i>No information available.</i>
<i>Bulk density:</i>	<i>ca. 500 g/l</i>

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### 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

*Stable if used according to specifications.*

#### 10.2. Chemical Stability

*Stable if used according to specifications.*

#### 10.3. Possibility of Hazardous Reactions

*The product is not dust explosive when delivered. The accumulation of fine dust can however increase the risk of dust explosion.*

#### 10.4. Conditions to Avoid

*Conditions to avoid:*

*Avoid heat, open fire and other ignition sources.*

*Thermal decomposition:*

*No further information available.*

#### 10.5. Incompatible Materials

*No information available.*

#### 10.6. Hazardous Decomposition Products

*In case of fire: formation of carbon oxides and other toxic gases and vapors.*

#### 10.7. Further Information

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### 11. Toxicological Information

#### 11.1. Information on Toxicological Effects

*No information available.*

*Acute Toxicity*

*LD50, oral:*

*LD50, dermal:*

*LC50, inhalation:*

*Primary effects*

*Irritant effect on skin:*

*No information available*

*Irritant effect on eyes:*

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*No information available.*

*Inhalation:*

*No information available.*

*Ingestion:*

*No information available*

*Sensitization:*

*No information available.*

*Mutagenicity:*

*Industrial carbon black cannot be tested in bacterial and in vitro systems (insoluble inorganic compound).*

*Reproductive toxicity:*

*No information available.*

*Cancerogenity:*

*No data available.*

*Teratogenicity:*

*No information available.*

*Specific target organ toxicity (STOT):*

*No data available.*

*Additional toxicological information:*

*Epidemiological and clinical studies did not show any significant health hazards in workers exposed to industrial carbon black.*

*The scientific discussions over the tumorigenic effect of insoluble, inorganic particles (fine dust) - such as carbon black - are still ongoing. According to many inhalation toxicologists, the tumors observed in the rat experiments result from a species-specific mechanism due to an oversteering of the rat lung (overload phenomena).*

*No corresponding finding have been found following the exposition to humans. The IARC, however, assesses the present rat studies in the Monograph 65 as sufficient evidence for the cancerogenicity of carbon black in animal studies.*

*According to the IARC, there is no evidence for the carcinogenic effect of carbon black for humans. The overall assessment of carbon black: "probably carcinogenic to humans" (group 2B) results from the IARC evaluation scheme. The PAH (polycyclic aromatic hydrocarbons) content of the Degussa Industrial Carbon Blacks are below 0.1 %.*

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## 12. Ecological Information

### 12.1. Aquatic Toxicity

*No information available.*

*Fish toxicity:*

*Daphnia toxicity:*

*Bacteria toxicity:*

*Algae toxicity:*

### 12.2. Persistency and Degradability

*Pigment is not soluble in water and biologically not degradable.* 8

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### 12.3. Bioaccumulation

*No information available.*

### 12.4. Mobility

*No information available.*

### 12.5. Results of PBT- und vPvP Assessment

*No data available.*

### 12.6. Other Adverse Effects

*Water hazard class:*

*Not hazardous.*

*Behaviour in sewage systems:*

*Further ecological effects:*

*No special effects or hazards known.*

*AOX Value:*

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## 13. Disposal Considerations

### 13.1. Waste Treatment Methods

*Product:*

*In accordance with current regulations, product may be taken to a waste disposal site or incineration plant, after consultation with site operator and/or with the responsible authority.*

*European Waste Code (EWC):*

*The waste code must be determined with the regional disposal service.*

*Uncleaned packaging:*

*Packaging that may not be disposed of in the same manner as the product.*

*Waste Code No.:*

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## 14. Transport Information

### 14.1. UN Number

*ADR, IMDG, IATA*

### 14.2. UN Proper Shipping Name

*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 no.:*

*IMDG Class (sea):*



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*Hazard no.:*

*EmS No.:*

*IATA Class:*

*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

*not applicable*

### 14. 8. Further Information

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

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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 (self-assessment)*

*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).*

### 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.*