

# Safety Data Sheet

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



## 29050 Kremer Color Paste - Phthalo Green, yellowish, PG 36

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Revised edition: 27.11.2018

Version: 6.0

Printed: 15.01.2019

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

#### 1.1. Product Identifier

*Product Name:* Kremer Color Paste - Phthalo Green, yellowish, PG 36

*Article No.:* 29050

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

*Identified uses:*

*Coloring agent for dye and varnish industry*

*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

*E-Mail:* 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)*

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

*Hazard designation:*

*Signal word:*

*Hazard designation:*

*Safety designation:*

*Hazardous components for labelling:*

#### 2.3. Other Hazards

*EUH208: Can cause allergic reactions.*

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*isothiazol-3-one*

### 3. Composition/Information on Ingredients

#### 3.1. Substance

#### 3.2. Mixture

*Chemical Characterization:* Copper phthalocyanine complex color paste. Pigment Green 36, C.I. 74265

*Information on Components / Hazardous Ingredients:*

*Additional information:*

### 4. First Aid Measures

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

*General information:*

*Remove contaminated clothes immediately.*

*After inhalation:*

*Supply fresh air. Consult physician if symptoms persist.*

*After skin contact:*

*Wash with soap and rinse with plenty of water.*

*After eye contact:*

*Rinse open eye for several minutes under running water.*

*After ingestion:*

*Rinse mouth with water and drink plenty of water.*

#### 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:*

*Symptomatic treatment (decontamination, vital functions), no specific antidote known.*

### 5. Fire-Fighting Measures

#### 5.1. Extinguishing Media

*Suitable extinguishing media:*

*Foam, extinguishing powder, water spray.*

*Unsuitable extinguishing media:*

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

*Special hazards:*

*In case of fire: hazardous vapors may be released. Development of fumes/aerosol.*

#### 5.3. Advice for Firefighters

*Protective equipment:*

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*No special measures required.*

*Further information:*

*Contaminated extinguishing water and debris should be disposed of according to local regulations.*

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### 6. Accidental Release Measures

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

*Personal precautions:*

*Wear protective clothing.*

#### 6.2. Environmental Precautions

*Environmental precautions:*

*Prevent contamination of soils, drains and surface water.*

*Keep spills and cleaning runoff out of municipal sewers and open bodies of water.*

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

*Methods and material:*

*Contain with absorbent material (sand, diatomaceous earth, universal absorbent, Oil Dri) and dispose accordingly.*

#### 6.4. Reference to other Sections

*Protective clothing, see Section 8.*

*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:*

*No special measures necessary if properly handled.*

*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 and cool room.*

*Protect from frost.*

*Protect against overheating.*

*Storage temperature: 0 - 50°C*

*Requirements for storage areas and containers:*

*No special measures necessary.*

*Information on fire and explosion protection:*

*Take measures to prevent electrostatic discharge.*

*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

*Parameters to be controlled (DE):*

TRGS 900

Glutaral (111-30-8): TLV: 0.2 mg/m<sup>3</sup>; 0.05 ppm, 2 (I)

Oxydipropanol (25265-71-8): TLV: 100 mg/m<sup>3</sup> (inhalable fraction), 2 (II)

*Parameters to be controlled:*

Glutaral (111-30-8) (CH): STEL: 0.42 mg/m<sup>3</sup>; 0.1 ppm; TWA: 0.21 mg/m<sup>3</sup>; 0.05 ppm

2-Methyl-2H-isothiazol-3-one (2682-20-4) (CH): STEL: 0.4 mg/m<sup>3</sup> (inhalable fraction); TWA: 0.2 mg/m<sup>3</sup> (inhalable fraction)

Oxydipropanol (25265-71-8) (CH): STEL: 280 mg/m<sup>3</sup> (inhalable vapor and aerosol); TWA: 140 mg/m<sup>3</sup> (inhalable vapor and aerosol)

*Derived No-Effect Level (DNEL):*

*Predicted No-Effect Concentration (PNEC):*

*Additional Information:*

#### 8.2. Exposure Controls

*Technical protective measures:*

No further measures, see Section 7.

*Personal Protection*

*General protective measures:*

The usual precautionary measures are to be adhered to when handling chemicals.

Protective clothing recommended due to the coloring effects of the product.

*Respiratory protection:*

In case of formation of dust/vapor.

Particle filter with medium efficiency for solid and liquid particles (e.g. EN 143 or 149, type P2 or FFP2).

*Hand protection:*

Chemical protective gloves (EN 374 (Europe), F739 (US)).

*Protective glove material:*

Recommended: Protective index 6, > 480 min. of permeation time accord. EN 374.

Nitrile rubber (0.4 mm), chloroprene rubber (0.5 mm), polyvinyl chloride (0.7 mm).

Please note the manufacturers' detailed statements, especially about the minimum thickness and the minimum breakthrough time.

*Eye protection:*

Safety glasses with protective shields (EN 166).

*Body protection:*

*Environmental precautions:*

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### 9. Physical and Chemical Properties

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

<i>Form:</i>	<i>liquid</i>
<i>Color:</i>	<i>green</i>
<i>Odor:</i>	<i>product specific</i>
<i>Odor threshold:</i>	<i>not determined</i>
<i>pH-Value:</i>	<i>7 - 9 (20°C)</i>
<i>Melting temperature:</i>	<i>-19°C (1013 hPa)</i>
<i>Boiling temperature:</i>	<i>ca. 100°C</i>
<i>Flash point:</i>	<i>&gt; 100°C (DIN 51758)</i>
<i>Evaporation rate:</i>	<i>not applicable</i>
<i>Flammability (solid, gas):</i>	<i>not flammable</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 determined</i>
<i>Vapor density:</i>	<i>No information available.</i>
<i>Density:</i>	<i>1.4 g/cm<sup>3</sup> (20°C)</i>
<i>Solubility in water:</i>	<i>miscible</i>
<i>Coefficient of variation (n-Octanol/Water):</i>	<i>not applicable</i>
<i>Auto-ignition temperature:</i>	<i>Product is not auto-ignitable.</i>
<i>Decomposition temperature:</i>	<i>&gt; 200°C (DIN 51794)</i>
<i>Viscosity, dynamic:</i>	<i>not determined</i>
<i>Explosive properties:</i>	<i>Product does not present an explosion hazard.</i>
<i>Oxidizing properties:</i>	<i>not oxidizing</i>
<i>Bulk density:</i>	

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### 9.2. Further Information

*Solubility in solvents:*

*Viscosity, kinematic*

*Burning class:*

*Solvent content:*

*Solid content:* 45 %

*Particle size:*

*Other information:*

*Product is not hygroscopic.*

*Self-heating ability: This product is not self-heating.*

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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

*None if handled and stored according to specifications.*

#### 10.4. Conditions to Avoid

*Conditions to avoid:*

*No decomposition if used according to specifications.*

*Thermal decomposition:*

#### 10.5. Incompatible Materials

*None known.*

#### 10.6. Hazardous Decomposition Products

*None if stored and handled according to specifications.*

#### 10.7. Further Information

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### 11. Toxicological Information

#### 11.1. Information on Toxicological Effects

*Acute Toxicity*

*Practically not toxic after a single oral exposure.*

*LD50, oral:*

*> 5000 mg/kg*

*LD50, dermal:*

*> 5000 mg/kg*

*LC50, inhalation:*

*not determined*

*Primary effects*

*Irritant effect on skin:*

*Non irritating (rabbit; OECD 404)*

*Irritant effect on eyes:*

*Non-irritating to eyes (rabbit; OECD 405)*

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### *Inhalation:*

*No information available.*

### *Ingestion:*

*No information available*

### *Sensitization:*

*Non sensitizing (guinea pig; OECD 406).*

### *Mutagenicity:*

*No mutagenic effects known.*

### *Reproductive toxicity:*

*No relevant data found.*

### *Carcinogenicity:*

*No relevant data found.*

### *Teratogenicity:*

*No information available.*

### *Specific target organ toxicity (STOT):*

*Single exposure: no organospecific toxicity expected.  
Repeated exposure: no toxicological effects.*

### *Additional toxicological information:*

*Aspiration hazard: not applicable*

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## 12. Ecological Information

### 12.1. Aquatic Toxicity

#### *Fish toxicity:*

*LC50: > 100 mg/l (96h, Leuciscus idus)*

#### *Daphnia toxicity:*

*No information available.*

#### *Bacteria toxicity:*

*no information available*

#### *Algae toxicity:*

*No information available.*

### 12.2. Persistency and Degradability

*Very insoluble product and can thus be removed from water mechanically in suitable effluent treatment plants.*

### 12.3. Bioaccumulation

*No information available.*

### 12.4. Mobility

*No information available.*

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

*According to Annex VIII to Regulation (EC) No. 1907/2006 (REACH): this product is neither a PBT (persistent/bioaccumulative/toxic) or vPvB (very persistent/very bioaccumulative/very toxic) substance nor does it contain a PBT or vPvB substance.*

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### 12.6. Other Adverse Effects

*Water hazard class:*

1 (German Regulation) (Assessment by list): slightly hazardous.

*Behaviour in sewage systems:*

No impairment of the biodegradability of active sludge expected when small amounts are discharged in biological sewage plants.

*Further ecological effects:*

The product contains copper bound as a complex.

*AOX Value:*

Product contains according to the formulation, organically bound halogen. It can increase the AOX-value in the water purification plants overflow or if it reaches waters.

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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):*

*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

*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.:*

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*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

*not applicable*

### 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:*

*1, slightly hazardous for water (according to the German Regulation AwSV)*

*Local regulations on chemical accidents:*

*Employment restrictions:*

*Restriction and prohibition of application:*

*Technical instructions on air quality:*

### 15.2. Chemical Safety Assessment

*A Chemical Safety Assessment is not necessary for this product.*

### 15.3. Further Information

*Regulation (EC) 1005/2009 - Substances that Deplete the Ozone Layer: not regulated / not applicable*

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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.*