

# Safety Data Sheet

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



## 29230 Kremer Color Paste - Daylight Fluorescent Magenta

Page 1

Revised edition: 06.06.2019

Version: 1

Printed: 09.12.2022

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

#### 1.1. Product Identifier

*Product Name:* Kremer Color Paste - Daylight Fluorescent Magenta  
*Article No.:* 29230  
*UFI:* --

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

*Identified uses:*  
Industrial colorant

*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.com  
*E-Mail:* info@kremer-pigmente.com  
*Importer:* --

#### 1.4. Emergency No.

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

#### 1.4.2 Poison Center:

### 2. Hazards Identification

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

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

H319  
Cat.: 2

Eye irritation, hazard category 2  
Causes serious eye irritation.

*Possible Environmental Effects:*

#### 2.2. Label Elements

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

*Hazard designation:*



GHS07-1

*Signal word:*

Warning

*Hazard designation:*

H319  
EUH208

Causes serious eye irritation.  
May produce an allergic reaction.

next page: 2

# Safety Data Sheet

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



## 29230 Kremer Color Paste - Daylight Fluorescent Magenta

Page 2

Revised edition: 06.06.2019

Version: 1

Printed: 09.12.2022

### Safety designation:

P264	Wash thoroughly after handling.
P280	Wear protective gloves/ clothing/ eye/ face protection.
P305+P351+P338	If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses and continue rinsing.
P337+P313	If eye irritation persists: Get medical advice/ attention.

### Hazardous components for labelling:

#### 2.3. Other Hazards

Contains formaldehyde (< 0.05 %): can cause allergic reactions.

### 3. Composition/Information on Ingredients

#### 3.1. Substance

#### 3.2. Mixture

*Chemical Characterization:* Dispersion of fluorescent pigment in aqueous media containing dispersing agents and humectants.

### Information on Components / Hazardous Ingredients:

C.I. Basic Violet 11.1 (H301-318-331-411)	< 1.1 %	CAS-Nr: 73398-89-7 EINECS-Nr: 277-459-0 EC-Nr:
Ammonia solution (H302-314-335-400); REACH Reg. No. 01-2119488876-14	< 0.3 %	CAS-Nr: 1336-21-6 EINECS-Nr: 215-647-6 EC-Nr: 007-001-01-2
Formaldehyde (Carc. 1B; H301-311-314-317-331-341-350); REACH Reg.No. 01-2119488953-20-xxxx	< 0.05 %	CAS-Nr: 50-00-0 EINECS-Nr: 200-001-8 EC-Nr: 605-001-00-5

### Additional information:

#### 4. First Aid Measures

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

###### General information:

No special measures required.

###### After inhalation:

Take affected person to fresh air.

###### After skin contact:

Wash off with plenty of water and soap.

###### After eye contact:

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

###### After ingestion:

Rinse mouth thoroughly with plenty of water and drink plenty of water. Consult a physician.  
Do not induce vomiting.

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

next page: 3

# Safety Data Sheet

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



## 29230 Kremer Color Paste - Daylight Fluorescent Magenta

Page 3

Revised edition: 06.06.2019

Version: 1

Printed: 09.12.2022

---

### Symptoms:

*No further information available.*

### Effects:

#### 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:

*Foam, carbon dioxide (CO<sub>2</sub>), extinguishing powder, water spray.*

##### Unsuitable extinguishing media:

*None known.*

#### 5. 2. Special Hazards arising from the Substance or Mixture

##### Special hazards:

*In case of fire: formation of irritating gases/vapors.*

#### 5. 3. Advice for Firefighters

##### Protective equipment:

*No special measures required.*

##### Further information:

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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:

*Contact local authorities if product pollutes soil or vegetation.*

#### 6. 3. Methods and Material for Containment and Cleaning Up

##### Methods and material:

*Contain with absorbent material (sand, earth, vermiculite or diatomaceous earth) and collect in appropriate containers for disposal.*

*Rinse with lots of water.*

#### 6. 4. Reference to other Sections

*Protective clothing, see Section 8.*

*Dispose of contaminated material according to Section 13.*

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### 7. Handling and Storage

#### 7. 1. Precautions for Safe Handling

##### Instructions on safe handling:

*Provide adequate ventilation.*

*Wear adequate protective clothing (see para. 8).*

*Avoid contact with eyes and skin.*

next page: 4

# Safety Data Sheet

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



## 29230 Kremer Color Paste - Daylight Fluorescent Magenta

Page 4

Revised edition: 06.06.2019

Version: 1

Printed: 09.12.2022

---

### *Hygienic measures:*

*Keep away from foodstuffs and drinks.*

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

#### *Storage conditions:*

*Store in tightly sealed containers in a dry and well ventilated location.*

#### *Requirements for storage areas and containers:*

*Keep container tightly closed.*

#### *Information on fire and explosion protection:*

*No special measures necessary.*

#### *Storage class:*

#### *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):*

*Formaldehyde (CAS 50-00-0), TWA: 0.3 ppm, 0.37 mg/m<sup>3</sup>; 2 (I)*

#### *Parameters to be controlled:*

*Formaldehyde (CAS 50-00-0); TWA, STEL: GB (EH40): 2 ppm, 2.5 mg/m<sup>3</sup>; FR (VLEP): 0.5 ppm, 1 ppm; NL (MAC): 0.15 ppm, 0.5 mg/m<sup>3</sup>*

#### *Derived No-Effect Level (DNEL):*

#### *Predicted No-Effect Concentration (PNEC):*

#### *Additional Information:*

### 8.2. Exposure Controls

#### *Technical protective measures:*

*Provide adequate ventilation/exhaust system.*

#### *Personal Protection*

#### *General protective measures:*

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

#### *Respiratory protection:*

*Required in case of insufficient ventilation.  
Recommended: filter FP 3*

#### *Hand protection:*

*Protective gloves (EN 374)*

#### *Protective glove material:*

*The glove material must be sufficiently impermeable and resistant*

# Safety Data Sheet

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



## 29230 Kremer Color Paste - Daylight Fluorescent Magenta

Page 5

Revised edition: 06.06.2019

Version: 1

Printed: 09.12.2022

---

*against the product.*

*Eye protection:*

*Safety glasses (EN 166)*

*Body protection:*

*Protective clothing.*

*Boots.*

*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:*

*liquid*

*Color:*

*magenta*

*Odor:*

*odorless*

*Odor threshold:*

*no information available*

*pH-Value:*

*not available*

*Melting temperature:*

*not available*

*Boiling temperature:*

*not available*

*Flash point:*

*not applicable*

*Evaporation rate:*

*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 applicable*

*Solubility in water:*

*miscible*

*Coefficient of variation (n-*

next page: 6

# Safety Data Sheet

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



## 29230 Kremer Color Paste - Daylight Fluorescent Magenta

Page 6

Revised edition: 06.06.2019

Version: 1

Printed: 09.12.2022

---

*Octanol/Water):*

*no information available*

*Auto-ignition temperature:*

*not applicable*

*Decomposition temperature:*

*not applicable*

*Viscosity, dynamic:*

*not available*

*Explosive properties:*

*not available*

*Oxidizing properties:*

*not oxidizing*

*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

*Chemically stable.*

### 10.2. Chemical Stability

*Stable if used according to specifications.*

### 10.3. Possibility of Hazardous Reactions

*Unknown.*

### 10.4. Conditions to Avoid

*Conditions to avoid:*

*Thermal decomposition:*

*No data available.*

### 10.5. Incompatible Materials

*None known.*

### 10.6. Hazardous Decomposition Products

*Irritating fumes/vapors.*

### 10.7. Further Information

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## 11. Toxicological Information

next page: 7

# Safety Data Sheet

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



## 29230 Kremer Color Paste - Daylight Fluorescent Magenta

Page 7

Revised edition: 06.06.2019

Version: 1

Printed: 09.12.2022

---

### 11. 1. Information on Hazard Classes as defined in Regulation (EC) No. 1272/2008

#### *Acute Toxicity*

*LD50, oral:*

*Formaldehyde: 100 mg/kg (estimated)*

*LD50, dermal:*

*Formaldehyde: 300 mg/kg (estimated)*

*LC50, inhalation:*

*Formaldehyde: 3 mg/l (4h; vapor) - estimated*

*Formaldehyde: 0.578 mg/l (4h; rat)*

#### *Primary effects*

*Irritant effect on skin:*

*No information available*

*Irritant effect on eyes:*

*No information available.*

*Inhalation:*

*No information available.*

*Ingestion:*

*No information available*

*Sensitization:*

*No relevant data found.*

*Mutagenicity:*

*No relevant data found.*

*Reproductive toxicity:*

*No relevant data found.*

*Carcinogenicity:*

*No relevant data found.*

*Teratogenicity:*

*No information available.*

*Specific target organ toxicity (STOT):*

*Ammonium solution (1336-21-6):*

*Single exposure: may cause respiratory irritation.*

*Repeated exposure: no information available.*

*Aspiration hazard*

*No information available.*

### 11. 2. Information on other Hazards

*No further information available.*

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## 12. Ecological Information

### 12. 1. Aquatic Toxicity

*Fish toxicity:*

*No data available.*

next page: 8

# Safety Data Sheet

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



## 29230 Kremer Color Paste - Daylight Fluorescent Magenta

Page 8

Revised edition: 06.06.2019

Version: 1

Printed: 09.12.2022

*Daphnia toxicity:*

*No information available.*

*Bacteria toxicity:*

*No data available.*

*Algae toxicity:*

*No information available.*

### 12.2. Persistency and Degradability

*No information available.*

### 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. Endocrine Disrupting Properties

*Not listed.*

### 12.7. Other Adverse Effects

*Water hazard class:*

*1 (German Regulation) (Assessment by list): slightly hazardous.  
Do not let product contaminate ground water, waterways or  
sewage system.*

*Behaviour in sewage systems:*

*Further ecological effects:*

*AOX Value:*

## 13. Disposal Considerations

### 13.1. Waste Treatment Methods

*Product:*

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

*European Waste Code (EWC):*

*Uncleaned packaging:*

*Dispose of according to official local regulations.*

*Waste Code No.:*

## 14. Transport Information

### 14.1. UN Number

*ADR, IMDG, IATA*

### 14.2. UN Proper Shipping Name

*ADR/RID:*

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

*IMDG/IATA:*

*Not hazardous goods*

next page: 9

# Safety Data Sheet

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



## 29230 Kremer Color Paste - Daylight Fluorescent Magenta

Page 9

Revised edition: 06.06.2019

Version: 1

Printed: 09.12.2022

---

### 14.3. Transport Hazard Classes

ADR Class:

*not applicable*

Hazard no.:

Classification code:

Tunnel restriction code:

IMDG Class (sea):

*not applicable*

Hazard no.:

EmS No.:

IATA Class:

*not applicable*

Hazard no.:

### 14.4. Packaging Group

ADR/RID:

*not applicable*

IMDG:

IATA:

### 14.5. Environmental Hazards

*Not classified as environmentally hazardous.*

### 14.6. Special Precautions for User

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

### 14.7. Maritime Transport in Bulk according to IMO Instruments

*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 has not been carried out for this product.*

### 15.3. Further Information

*EC. REACH, Annex XIV, Candidate List of Substances of very*

*next page: 10*

# Safety Data Sheet

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



## 29230 Kremer Color Paste - Daylight Fluorescent Magenta

Page 10

Revised edition: 06.06.2019

Version: 1

Printed: 09.12.2022

---

*High Concern (SVHC): not regulated / not applicable*

*Regulation (EC) 649/2012 concerning the export and import of dangerous chemicals: Not applicable*

*Regulation (EU) 2019/1021 - Persistent organic pollutants: 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.*