

Safety Data Sheet

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



28375 Kremer Color Paste - Orange DPP RA, PO 73

Page 1

Revised edition: 07.11.2018

Version: 1

Printed: 13.11.2018

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

1.1. Product Identifier

Product Name: Kremer Color Paste - Orange DPP RA, PO 73

Article No.: 28375

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

Identified uses:

*Coloring agent for dye and varnish industry
Colored printing inks*

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:

Not applicable.

Signal word:

Hazard designation:

EUH208

May produce an allergic reaction.

Safety designation:

next page: 2

Safety Data Sheet

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



28375 Kremer Color Paste - Orange DPP RA, PO 73

Page 2

Revised edition: 07.11.2018

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Hazardous components for labelling:

2.3. Other Hazards

3. Composition/Information on Ingredients

3.1. Substance

3.2. Mixture

Chemical Characterization: Aqueous dispersion of Diketo-pyrrolo-pyrrol ; Pigment Orange 73, C.I. 561170

Information on Components / Hazardous Ingredients:

Zirconium(VI) hydrogenphosphate (Skin Sens. 1, H317); REACH Reg. No. 01-2120114357-62	5 - 10 %	CAS-Nr: 13772-29-7 EINECS-Nr: 237-401-7 EC-Nr:
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Additional information:

4. First Aid Measures

4.1. Description of the First Aid Measures

General information:

Remove contaminated clothes.

After inhalation:

Supply fresh air and seek medical advice in case of complaints.

After skin contact:

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

After eye contact:

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

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:

No further information available.

5. Fire-Fighting Measures

5.1. Extinguishing Media

Suitable extinguishing media:

Foam, carbon dioxide (CO₂), extinguishing powder, water spray jet.

Unsuitable extinguishing media:

5.2. Special Hazards arising from the Substance or Mixture

next page: 3

Safety Data Sheet

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



28375 Kremer Color Paste - Orange DPP RA, PO 73

Page 3

Revised edition: 07.11.2018

Version: 1

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Special hazards:

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

5.3. Advice for Firefighters

Protective equipment:

Wear self-contained respiratory protective device.

Further information:

6. Accidental Release Measures

6.1. Personal Precautions, Protective Equipment and Emergency Procedures

Personal precautions:

No special measures required.

6.2. Environmental Precautions

Environmental precautions:

Dilute with plenty of water.

6.3. Methods and Material for Containment and Cleaning Up

Methods and material:

Contain with absorbent material (sand, diatomaceous earth, acid binder, universal absorbent) and dispose accordingly.

6.4. Reference to other Sections

Protective clothing, see Section 8.

Dispose of contaminated material according to Section 13.

7. Handling and Storage

7.1. Precautions for Safe Handling

Instructions on safe handling:

No special measures required.

Hygienic measures:

Wash hands with soap and water.

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.*

Requirements for storage areas and containers:

Ventilate containers properly.

Information on fire and explosion protection:

No special measures necessary.

Storage class (VCI):

Further Information:

7.3. Specific End Use(s)

Further information:

Safety Data Sheet

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



28375 Kremer Color Paste - Orange DPP RA, PO 73

Page 4

Revised edition: 07.11.2018

Version: 1

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8. Exposure Controls/Personal Protection

8.1. Parameters to be Controlled

Parameters to be controlled (DE):

Zirconiumbis (hydrogen phosphate) (CAS 13772-29-7): TLV (TRGS 900): 1 mg/m³ (inhalable fraction); 1 (l). Measured as Zirconium (Zr)

Parameters to be controlled:

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:

Suitable respiratory protection for lower concentration or short-term effect: 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)).

The manufacturer's directions for use should be observed because of the great diversity of types.

Protective glove material:

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

Eye protection:

Safety glasses with protective shields (EN 166).

Body protection:

Environmental precautions:

Prevent from getting into the soil, surface water and sewage system.

9. Physical and Chemical Properties

9.1. Information on Basic Physical and Chemical Properties

Form: liquid

Color: orange

Odor: mild

next page: 5

Safety Data Sheet

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



28375 Kremer Color Paste - Orange DPP RA, PO 73

Page 5

Revised edition: 07.11.2018

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Odor threshold:

No information available.

pH-Value:

6.5 - 9.5 (20°C)

Melting temperature:

not available

Boiling temperature:

not available

Flash point:

not available

Evaporation rate:

not applicable

Flammability (solid, gas):

not available

Upper explosion limit:

no information available

Lower explosion limit:

no information available

Vapor pressure:

not applicable

Vapor density:

No information available.

Density:

Solubility in water:

miscible

Coefficient of variation (n-Octanol/Water):

no information available

Auto-ignition temperature:

Product is not auto-ignitable.

Decomposition temperature:

No data available.

Viscosity, dynamic:

not determined

Explosive properties:

Product does not present an explosion hazard.

Oxidizing properties:

no information available

Bulk density:

9.2. Further Information

Solubility in solvents:

Viscosity, kinematic

next page: 6

Safety Data Sheet

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



28375 Kremer Color Paste - Orange DPP RA, PO 73

Page 6

Revised edition: 07.11.2018

Version: 1

Printed: 13.11.2018

Burning class:

Solvent content:

Solid content:

Particle size:

Other information:

No further information.

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

Unknown.

10.4. Conditions to Avoid

Conditions to avoid:

No further information available.

Thermal decomposition:

10.5. Incompatible Materials

Strong acids, strong bases and strong oxidizing agents.

10.6. Hazardous Decomposition Products

None if handled according to specifications.

10.7. Further Information

11. Toxicological Information

11.1. Information on Toxicological Effects

Acute Toxicity

LD50, oral: > 2000 mg/kg (rat)

LD50, dermal: > 2000 mg/kg (rat)

LC50, inhalation:

No information available.

Primary effects

Irritant effect on skin:

Non irritating (rabbit)

Irritant effect on eyes:

Non-irritating to eyes (rabbit)

Inhalation:

No information available.

Ingestion:

No information available

Sensitization:

No sensitizing effects known.

next page: 7

Safety Data Sheet

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



28375 Kremer Color Paste - Orange DPP RA, PO 73

Page 7

Revised edition: 07.11.2018

Version: 1

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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):

No relevant data found.

Additional toxicological information:

12. Ecological Information

12.1. Aquatic Toxicity

Not hazardous for aqueous organisms.

Fish toxicity:

Daphnia toxicity:

Bacteria toxicity:

Algae toxicity:

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

Not applicable.

12.6. Other Adverse Effects

Water hazard class:

1, slightly hazardous

Behaviour in sewage systems:

Further ecological effects:

AOX Value:

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:

next page: 8

Safety Data Sheet

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



28375 Kremer Color Paste - Orange DPP RA, PO 73

Page 8

Revised edition: 07.11.2018

Version: 1

Printed: 13.11.2018

Uncontaminated packaging may be recycled.

Packaging may be disposed of in the same manner as the product.

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 (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

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 (German Regulation, Assessment next page: 9

Safety Data Sheet

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



28375 Kremer Color Paste - Orange DPP RA, PO 73

Page 9

Revised edition: 07.11.2018

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by list)

Local regulations on chemical accidents:

Employment restrictions:

Restriction and prohibition of application:

Technical instructions on air quality:

15.2. Chemical Safety Assessment

No information available.

15.3. Further Information

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.