

Safety Data Sheet

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



27600 Kremer Color Paste - Lamp Black

Page 1

Revised edition: 18.04.2024

Version: 8

Printed: 22.05.2024

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

1.1. Product Identifier

Product Name: Kremer Color Paste - Lamp Black

Article No.: 27600

UFI: --

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

Identified uses:
Colorant for industrial use

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)

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

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

Contains a reaction compound of 5-Chloro-2-methylisothiazolin-3(2H)-one (EG 247-500-7) and 2-Methylisothiazol-3(2H)-one (EG

next page: 2

Safety Data Sheet

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



27600 Kremer Color Paste - Lamp Black

Page 2

Revised edition: 18.04.2024

Version: 8

Printed: 22.05.2024

220-239-6) (3:1); 1,2-Benzisothiazol-3(2H)-one
EUH208: Can cause allergic reactions.

3. Composition/Information on Ingredients

3.1. Substance

3.2. Mixture

Chemical Characterization: Aqueous suspension of Pigment Black 7, C.I. 77266, containing propylene glycol

Information on Components / Hazardous Ingredients:

1,2-Benzisothiazol-3(2H)-one (H302-315-317-318-400 (M=1)-411); Spec. conc. limits: H317 >= 0.05 %; REACH Reg. No. 01-2120761540-60	0.0025-0.025 %	CAS-Nr: 2634-33-5 EINECS-Nr: 220-120-9 EC-Nr: 613-088-00-6
--	----------------	--

Reaction compound of 5-Chloro-2-methyl-2H-isothiazole-3-one and 2-Methyl-2H-isothiazole-3-one (3:1) (H301-310-314-317-318-330-400-H410); Spec. conc. limits: H314 >= 0.6%, H315 0.06 - <0.6%, H319 0.06 - <0.6%, H317 >= 0.0015%, H318 >= 0.6%; REACH Reg. No. 01-2120764691-48	0.0002-0.0015 %	CAS-Nr: 55965-84-9 EINECS-Nr: EC-Nr: 613-167-00-5
---	-----------------	---

Additional information:

Particle characteristics:
This product/this mixture contains nanoforms.
Nano C.I. Pigment Black 7:
Particle size distribution: $d_{10} = 39.5 \text{ nm}$; $d_{50} = 68.5 \text{ nm}$; $d_{90} = 119.5 \text{ nm}$ (TEM)
Form: Spheres, fraction (weight): < 3 % (TEM); amorphous (XRD);
Specific surface area: 610 m²/g (BET); Level of dustiness: high
Surface treatment: none

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:

Wash off with plenty of water and soap.

After eye contact:

Immediately flush open eyes with plenty of water.
Protect unharmed eye.

After ingestion:

Rinse mouth thoroughly with plenty of water and drink plenty of water. Consult a physician.
Never give anything by mouth to an unconscious person.
Do not induce vomiting.
In case of unconsciousness, store, respectively transport in stable

next page: 3

Safety Data Sheet

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



27600 Kremer Color Paste - Lamp Black

Page 3

Revised edition: 18.04.2024

Version: 8

Printed: 22.05.2024

side position.

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 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:

Water with full jet.

5.2. Special Hazards arising from the Substance or Mixture

Special hazards:

In case of fire: formation of carbon oxides, nitrogen oxides.

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:

Wear appropriate protective equipment. Keep spectators away.

6.2. Environmental Precautions

Environmental precautions:

Prevent contamination of soils, drains and surface water.

6.3. Methods and Material for Containment and Cleaning Up

Methods and material:

Contain with absorbent material (e.g. sand, acid binder, universal binder, sawdust) and collect in appropriate containers for disposal.

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:

Wear adequate protective clothing (see para. 8).

Do not swallow or inhale.

next page: 4

Safety Data Sheet

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



27600 Kremer Color Paste - Lamp Black

Page 4

Revised edition: 18.04.2024

Version: 8

Printed: 22.05.2024

Avoid contact with eyes, skin and clothing.

Hygienic measures:

*Do not eat or drink during work. Do not smoke.
Wash hands at the end of work. Preventive skin protection recommended.*

7.2. Conditions for Safe Storage, including any Incompatibilities

Storage conditions:

*Store in tightly sealed containers in a dry and cool room.
Do not store together with food stuff and animal feed.
Protect product from direct sunlight.*

Requirements for storage areas and containers:

*Store the product in the original container.
Do not store product in unlabelled containers.*

Information on fire and explosion protection:

Storage class:

12; Non-combustible liquids (TRGS 510)

Further Information:

*Sensitive to frost.
In case the product is exposed to cold temperature and thickens resp. freezes, thaw slowly at room temperature, stir it. Product can be used afterwards.*

7.3. Specific End Use(s)

Further information:

8. Exposure Controls/Personal Protection

8.1. Parameters to be Controlled

Parameters to be controlled (DE):

Nano C.I. Pigment (1333-86-4): 0.5 mg/m³ (airborne fraction; DE TRGS 527)

Parameters to be controlled:

Derived No-Effect Level (DNEL):

*Propylene glycol (57-55-6):
168 mg/m³ (worker, inhalation, long-term exposure - systemic effects)
10 mg/m³ (worker, inhalation, long-term exposure - local effects)
50 mg/m³ (consumer, inhalation, long-term exposure - systemic effects)
10 mg/m³ (consumer, inhalation, long-term exposure - local effects)
1,2-Benzisothiazol-3(2H)-one (2634-33-5):
6.81 mg/m³ (worker, inhalation, long-term exposure - systemic effects)
0.966 mg/kg bw/d (worker, skin contact, long-term exposure - systemic effects)
1.2 mg/m³ (consumer, inhalation, long-term exposure - systemic effects)*

Safety Data Sheet

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



27600 Kremer Color Paste - Lamp Black

Page 5

Revised edition: 18.04.2024

Version: 8

Printed: 22.05.2024

effects)
0.345 mg/kg bw/d (consumer, skin contact, long-term exposure - systemic effects)
5-Chloro-2-methyl-2H-isothiazole-3-one and 2-Methyl-2H-isothiazole-3-one (3:1) (CAS 55965-84-9):
0.02 mg/m3 (worker/consumer, inhalation, long-term exposition - local effects)
0.04 mg/m3 (worker/consumer, inhalation, short-term exposition - local effects)
0.09 mg/m3 bw/d (consumer, swallowing, long-term exposition - systemic effects)
0.11 mg/m3 bw/d (consumer, swallowing, short-term exposition - systemic effects)

Predicted No-Effect Concentration (PNEC):

Propylene glycol (57-55-6):
Fresh water: 260 mg/l
Sea water: 26 mg/l
Fresh water sediment: 572 mg/kg dw
Sea water sediment: 57.2 mg/kg dw
Sewage treatment system (STP): 20000 mg/l
Intermittent release: 183 mg/l
Soil: 50 mg/kg dw
1,2-Benzisothiazol-3(2H)-one (2634-33-5):
Fresh water: 0.00403 mg/l
Sea water: 0.000403 mg/l
Fresh water sediment: 0.0499 mg/kg
Sea water sediment: 0.00499 mg/kg
Soil: 3 mg/kg
Sewage treatment system (STP): 1.03 mg/l
Intermittent release: 0.0011 mg/l
5-Chlor-2-methyl-2H-isothiazol-3-one and 2-Methyl-2H-isothiazol-3-one (3:1) (55965-84-9):
Fresh water / Sea water: 3.39 µg/l
Fresh water sediment / Sea water sediment: 0.027 mg/kg
Sewage treatment system (STP): 0.23 µg/l
Soil: 0.01 mg/kg

Additional Information:

8.2. Exposure Controls

Technical protective measures:

Use local exhaust ventilation in case of dust and/or fume formation.
Facilities storing or utilizing this material should be equipped with an eyewash and shower facility.

Personal Protection

General protective measures:

Avoid contact with eyes and skin.
Keep away from foodstuffs and drinks. Do not eat, drink or smoke

next page: 6

Safety Data Sheet

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



27600 Kremer Color Paste - Lamp Black

Page 6

Revised edition: 18.04.2024

Version: 8

Printed: 22.05.2024

during work. Wash hands before breaks and at the end of work.

Respiratory protection:

Respiratory equipment required in case of insufficient ventilation, filter type A (organic gases and vapors).

Hand protection:

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

Protective glove material:

Nitrile rubber (NBR)

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:

Protective clothing.

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

<i>Form:</i>	<i>liquid</i>
<i>Color:</i>	<i>black</i>
<i>Odor:</i>	<i>odorless</i>
<i>Odor threshold:</i>	<i>no information available</i>
<i>pH-Value:</i>	<i>ca. 8</i>
<i>Melting temperature:</i>	<i>not available</i>
<i>Boiling temperature:</i>	<i>> 100°C (1013 hPa)</i>
<i>Flash point:</i>	<i>not available</i>
<i>Evaporation rate:</i>	<i>not applicable</i>
<i>Flammability (solid, gas):</i>	<i>not applicable</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>

next page: 7

Safety Data Sheet

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



27600 Kremer Color Paste - Lamp Black

Page 7

Revised edition: 18.04.2024

Version: 8

Printed: 22.05.2024

Vapor density:

No information available.

Density:

ca. 1.28 g/cm³ (20°C)

Solubility in water:

miscible

Coefficient of variation (n-Octanol/Water):

no information available

Auto-ignition temperature:

not applicable

Decomposition temperature:

> 100°C

Viscosity, dynamic:

780 mPa.s (20°C)

Explosive properties:

not applicable

Oxidizing properties:

no information available

Bulk density:

9.2. Further Information

Solubility in solvents:

Viscosity, kinematic:

Burning class:

Solvent content:

Solid content:

Particle size:

Partikel characteristics: This substance/ mixture contains nanoforms (see Section 3).

Other 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

None if handled and stored according to specifications.

10.4. Conditions to Avoid

Conditions to avoid:

No information available.

Thermal decomposition:

10.5. Incompatible Materials

No information available.

next page: 8

Safety Data Sheet

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



27600 Kremer Color Paste - Lamp Black

Page 8

Revised edition: 18.04.2024

Version: 8

Printed: 22.05.2024

10.6. Hazardous Decomposition Products

None if stored and handled according to specifications.

10.7. Further Information

11. Toxicological Information

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

Acute Toxicity

LD50, oral:

1,2-Benzisothiazol-3(2H)-one: 670 - 784 mg/kg (rat, m/f; OECD 401)

5-Chlor-2-methyl-2H-isothiazol-3-one and 2-Methyl-2H-isothiazol-3-one (3:1): 64 mg/kg (rat)

LD50, dermal:

1,2-Benzisothiazol-3(2H)-one: > 2000 mg/kg (rat, m/w; OECD 402)

5-Chlor-2-methyl-2H-isothiazol-3-one and 2-Methyl-2H-isothiazol-3-one (3:1): 92.4 mg/kg (rabbit)

LC50, inhalation:

1,2-Benzisothiazol-3(2H)-one: 0.5 mg/l (4h, rat, m/f)

5-Chlor-2-methyl-2H-isothiazol-3-one and 2-Methyl-2H-isothiazol-3-one (3:1): 0.171 mg/l (4h, rat, m/f)

Primary effects

Irritant effect on skin:

1,2-Benzisothiazol-3(2H)-one: irritating (4h, rabbit)

5-Chlor-2-methyl-2H-isothiazol-3-one and 2-Methyl-2H-isothiazol-3-one (3:1): caustic after 1-4 hours of exposition

Irritant effect on eyes:

1,2-Benzisothiazol-3(2H)-one: irritating (2.9h - 11d, rabbit)

5-Chlor-2-methyl-2H-isothiazol-3-one and 2-Methyl-2H-isothiazol-3-one (3:1): Gefahr ernster Augenschäden (Kaninchenauge)

Inhalation:

No information available.

Ingestion:

No information available

Sensitization:

1,2-Benzisothiazol-3(2H)-one: may cause sensitization by skin contact (guinea pig). Harmful if swallowed, fatal if inhaled. Causes skin irritation and severe eye damage. May cause allergic skin reactions.

5-Chlor-2-methyl-2H-isothiazol-3-one and 2-Methyl-2H-isothiazol-3-one (3:1): sensitizing (skin, sub-category 1A): Toxic if swallowed, fatal in case of contact with skin and if inhaled. Causes severe skin burns and eye damage. May cause allergic skin reactions.

Mutagenicity:

5-Chlor-2-methyl-2H-isothiazol-3-one and 2-Methyl-2H-isothiazol-3-one (3:1): In vivo genetic-toxicity (Micronucleus Test): negative (bone marrow rat, oral, <=5d, 1-5x <=28 mg/kg); negative (mouse,

next page: 9

Safety Data Sheet

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



27600 Kremer Color Paste - Lamp Black

Page 9

Revised edition: 18.04.2024

Version: 8

Printed: 22.05.2024

oral, <=5d, 1-5x <=20-30 mg/kg)

In vivo genetic toxicity: negative (560-1400 mg/kg, rat (m), oral; OECD 486); Mikronucleus-Test negative (125-250-500-1000-2000-5000 mg/kg, mouse (m/f), oral; OECD 474)

1,2-Benzisothiazol-3(2H)-one: In vitro genetic-toxicity: Mouse-Lymphoma-Test negative (0,1-12,8 µg/ml; Salmonella typhimurium; OECD 476); Ames-Test negative (0,064-200 µg/plate, Salmonella typhimurium; OECD 471); Chromosomal Aberration Test (1-40 µg/ml, human lymphocytes; OECD 473): positive

Reproductive toxicity:

1,2-Benzisothiazol-3(2H)-one: Did not show any reproductive toxicity: NOAEL Parents: 18.5 mg/kg KW, NOAEL FI: 48 mg/kg KW (oral, food, dosage: 18.5-97.8 mg/kg, rat (m)); NOAEL Parents: 27 mg/kg KW, NOAEL FI: 56.6 mg/kg KW (Oral, Futter, Dosis: 27.0-114.8 mg/kg, rat (f))

5-Chlor-2-methyl-2H-isothiazol-3-one and 2-Methyl-2H-isothiazol-3-one (3:1):

Did not show any reproductive toxicity: NOAEL Parents: 16.3-24.7 mg/kg bw, NOAEL FI: 16.3-24.7 mg/kg bw (Drinking water, dosage: 25-75-225 ppm, rat (m/f)); NOAEL Parents: 2.8-4.4 mg/kg bw, NOAEL FI: 22.7-28 mg/kg bw, NOAEL F2: 35.7-39.1 mg/kg bw (Drinking water, dosage: 30-100-300 ppm, rat (m/f); OECD 416)

Carcinogenicity:

1,2-Benzisothiazol-3(2H)-one: no information available

5-Chlor-2-methyl-2H-isothiazol-3-one and 2-Methyl-2H-isothiazol-3-one (3:1): no evidence found in animal studies

Teratogenicity:

5-Chlor-2-methyl-2H-isothiazol-3-one and 2-Methyl-2H-isothiazol-3-one (3:1): not classified

5-Chlor-2-methyl-2H-isothiazol-3-one and 2-Methyl-2H-isothiazol-3-one (3:1): not classified

Specific target organ toxicity (STOT):

1,2-Benzisothiazol-3(2H)-one:

Single exposure: the substance or mixture is not classified as specific target organ toxicant.

Repeated exposure: the substance or mixture is not classified as specific target organ toxicant.

Mixture of: 5-chloro-2-methyl-2H-isothiazol-3-on (EC 247-500-7) and 2-methyl-2H-isothiazol-3-on (EC 220-239-6) (3:1):

Single exposure: the substance or mixture is not classified as specific target organ toxicant.

Repeated exposure: the substance or mixture is not classified as specific target organ toxicant.

Aspiration hazard:

1,2-Benzisothiazol-3(2H)-one: No risk of aspiration.

5-Chloro-2-methyl-2H-isothiazole-3-one and 2-Methyl-2H-isothiazole-3-one (3:1): No risk of aspiration.

11.2. Information on other Hazards

Endocrine Disrupting Properties:

This substance/mixture does not contain any components with

next page: 10

Safety Data Sheet

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



27600 Kremer Color Paste - Lamp Black

Page 10

Revised edition: 18.04.2024

Version: 8

Printed: 22.05.2024

endocrine disrupting properties in a percentage of 0.1 or greater, according to Article 57(f) of the REACH Regulation (EC) No. 1907/2006 or the Delegated Regulation (EC) 2017/2100 or the Delegated Regulation (EC) 2018/605.

12. Ecological Information

12.1. Aquatic Toxicity

Fish toxicity:

*1,2-Benzisothiazol-3(2H)-one: 16.7 mg/l (96h, Cyprinodon variegatus); LC50: 1.9 mg/l (96h, Oncorhynchus mykiss; OECD 203); NOEC: 0.21 mg/l (96h, Oncorhynchus mykiss; OECD 215)
5-Chlor-2-methyl-2H-isothiazol-3-one and 2-Methyl-2H-isothiazol-3-one (3:1): EC50: 0.22 mg/l (96h, Oncorhynchus mykiss; OECD 203); NOEC: 0.098 mg/l (28d, Oncorhynchus mykiss; OECD 215)*

Daphnia toxicity:

*1,2-Benzisothiazol-3(2H)-one: EC50: 2.94 mg/l (48h, Daphnia magna; OECD 202); EC0: 0.643 mg/l (48h, Daphnia magna; OECD 202); EC50: 0.9893 mg/l (96h, Mysidopsis bahia); NOEC: 1.2 mg/l (21d, Daphnia magna; OECD 211); NOEC: 1.9 mg/l (21d, Daphnia magna; OECD 211)
5-Chlor-2-methyl-2H-isothiazol-3-one and 2-Methyl-2H-isothiazol-3-one (3:1): EC50: 0.1 mg/l (48h, Daphnia magna; OECD 202); NOEC: 0.004 mg/l (21d, Daphnia magna; OECD 202)*

Bacteria toxicity:

*1,2-Benzisothiazol-3(2H)-one: EC50: 23 mg/ml (3h, active sludge; OECD 209); EC50: > 811.5 mg/kg dw (28d, soil; OECD 216); NOEC: 263.7 mg/kg dw (28d, soil; OECD 216)
5-Chlor-2-methyl-2H-isothiazol-3-one and 2-Methyl-2H-isothiazol-3-one (3:1): EC50: 7.92 mg/l (3h, active sludge; OECD 209)*

Algae toxicity:

*1,2-Benzisothiazol-3(2H)-one: ErC50: 0.110 mg/l (72h, Selenastrum capricornutum; OECD 201); NOEC: 0.0403 mg/l (72h, Pseudokirchneriella subcapitata; OECD 201)
5-Chlor-2-methyl-2H-isothiazol-3-one and 2-Methyl-2H-isothiazol-3-one (3:1): EC50: 0.0052 mg/l; NOEC: 0.00049 mg/l (48h, Skeletonema costatum; OECD 201)*

12.2. Persistency and Degradability

*1,2-Benzisothiazol-3(2H)-one: partially readily biodegradable (1 mg/l, 63d, activated sludge; OECD 301C)
5-Chlor-2-methyl-2H-isothiazol-3-one and 2-Methyl-2H-isothiazol-3-one (3:1): not readily biodegradable (activated sludge; OECD 301B); Photodegradation: Test type: water (light source: sunlight)*

12.3. Bioaccumulation

*1,2-Benzisothiazol-3(H)-one: Bioconcentration factor (BCF): 6.62 (0.1 mg/l, 56d, Lepomis macrochirus; OECD 305); log POW: 0.7 (20°C), pH value 7
5-Chlor-2-methyl-2H-isothiazol-3-one and 2-Methyl-2H-isothiazol-3-one (3:1): Bioconcentration factor (BCF): 3.6; log Pow: -0.71 - 0.75 (OECD 107)*

12.4. Mobility

1,2-Benzisothiazol-3(2H)-one: Adsorption/Soil: KoC: 235 - 566

next page: 11

Safety Data Sheet

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



27600 Kremer Color Paste - Lamp Black

Page 11

Revised edition: 18.04.2024

Version: 8

Printed: 22.05.2024

12. 5. Results of PBT- und vPvP Assessment

1,2-Benzisothiazol-3(2H)-one: This substance is not classified as PBT nor as vPvB.

5-Chlor-2-methyl-2H-isothiazol-3-one and 2-Methyl-2H-isothiazol-3-one (3:1): This substance is not classified as PBT (persistent, bioaccumulative, toxic).

12. 6. Endocrine Disrupting Properties

This substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated Regulation (EU) No. 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1 % or higher.

12. 7. Other Adverse Effects

Water hazard class:

1, slightly hazardous (German Regulation; Self-assessment).

Behaviour in sewage systems:

Further ecological effects:

Do not let product enter waterways or sewage system.

AOX Value:

13. Disposal Considerations

13. 1. Waste Treatment Methods

Product:

If product cannot be reused or recycled, it has to be disposed of according to current local regulations.

European Waste Code (EWC):

Uncleaned packaging:

Contaminated packaging must be disposed like the substance.

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

14. 3. Transport Hazard Classes

ADR Class:

not applicable

Hazard no.:

Classification code:

next page: 12

Safety Data Sheet

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



27600 Kremer Color Paste - Lamp Black

Page 12

Revised edition: 18.04.2024

Version: 8

Printed: 22.05.2024

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

Do not store together with foodstuffs.

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:

Seveso III Directive: not applicable under Directive 2012/18/EC.

Employment restrictions:

Restriction and prohibition of application:

EC. REACH, Section XVII, Restrictions on the Manufacture, Placing on the Market and Use of Certain Dangerous Substances, Preparations and Articles, Registered no. 75

Technical instructions on air quality:

15. 2. Chemical Safety Assessment

No Chemical Safety Assessment (CSA) is yet available for the substance, or for the component substances, contained in this product.

15. 3. Further Information

*EC. REACH, Annex XIV, Candidate List of Substances of very High Concern (SVHC): not regulated / not applicable
Regulation (EU) 2019/1021 - Persistent organic pollutants: not*

next page: 13

Safety Data Sheet

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



27600 Kremer Color Paste - Lamp Black

Page 13

Revised edition: 18.04.2024

Version: 8

Printed: 22.05.2024

regulated / not applicable

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

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

Listed in the following inventories:

REACH (EU), TSCA (US), AIIC (AUS), DSL (CA), ENCS (JP), ECL (KR), NZIoC (NZ), PICCS (PH), INV (CH), IECSC (CN), TCSI (TW)

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.