

# Safety Data Sheet

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



## 60310 Colophony Powder

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Revised edition: 29.03.2018

Version: 1

Printed: 19.06.2020

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

#### 1.1. Product Identifier

*Product Name:* Colophony Powder

*Article No.:* 60310

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

*Identified uses:*

Rubber  
Paint and varnish industry  
Glue  
Resin

*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](http://www.kremer-pigmente.com)

*EMail:* [info@kremer-pigmente.com](mailto: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)*

H317

Cat.: 1

*Skin sensitization, hazard category 1  
May cause an allergic skin reaction.*

*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:*

H317

May cause an allergic skin reaction.

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### Safety designation:

P261	Avoid breathing dust/ fume/ gas/ mist/ vapors/ spray.
P280	Wear protective gloves/ clothing/ eye/ face protection.
P302+P352	If on skin: Wash with soap and water.
P333+P313	If skin irritation or rash occurs: Get medical attention.
P362	Take off contaminated clothing and wash before reuse.

### Hazardous components for labelling:

#### 2. 3. Other Hazards

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### 3. Composition/Information on Ingredients

#### 3. 1. Substance

#### 3. 2. Mixture

##### Chemical Characterization:

##### Information on Components / Hazardous Ingredients:

Rosin, Gum Rosin (Skin Sens. 1, H317); REACH Reg. No. 01-2119480418-32	70 - 90 %	CAS-Nr: 8050-09-7 EINECS-Nr: 232-475-7 EC-Nr: 650-015-00-7
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### Additional information:

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#### 4. First Aid Measures

##### 4. 1. Description of the First Aid Measures

###### General information:

*Remove contaminated clothes immediately.  
Seek medical attention in case of complaints.*

###### After inhalation:

*Supply fresh air.*

###### After skin contact:

*Wash off immediately with soap and plenty of water and rinse thoroughly.*

###### After eye contact:

*Remove contact lens. Rinse open eyes with plenty of water (10-15 min). Should irritation continue, seek medical advice.*

###### After ingestion:

*Drink plenty of water. Get medical help in case of discomfort.*

##### 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 special first-aid measures necessary.*

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#### 5. Fire-Fighting Measures

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### 5. 1. Extinguishing Media

*Suitable extinguishing media:*

*Foam, CO<sub>2</sub>, dry extinguishing powder.*

*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, caustic fumes/gases.*

### 5. 3. Advice for Firefighters

*Protective equipment:*

*Wear self-contained respiratory protective device.*

*Wear suitable protective clothing.*

*Further information:*

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## 6. Accidental Release Measures

### 6. 1. Personal Precautions, Protective Equipment and Emergency Procedures

*Personal precautions:*

*Do not inhale dust. Avoid formation of dust.*

*Wear protective clothing.*

### 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:*

*Take up mechanically.*

*Dispose accordingly. Avoid dust formation.*

### 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:*

*Avoid contact with skin.*

*Hygienic measures:*

*Keep away from foodstuffs and drinks. Do not eat, drink or smoke during work. Wash hands before breaks and at the end of work.*

### 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:*

*Close open containers with care and store in an upright position to*

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*avoid spilling.*

*Information on fire and explosion protection:*

*Storage class:*

10-13 (TRSG 510)

*Further Information:*

### 7. 3. Specific End Use(s)

*Further information:*

*No information available.*

## 8. Exposure Controls/Personal Protection

### 8. 1. Parameters to be Controlled

*Parameters to be controlled (DE):*

TRGS 900

TLV: 1.25 mg/m<sup>3</sup> air-borne fraction (general dust limit)

TLV: 10 mg/m<sup>3</sup> inhalable fraction (general dust limit)

Peak limit Category: 2 (II)

*Parameters to be controlled:*

*Derived No-Effect Level (DNEL):*

*Rosin, Gum Rosin:*

17 mg/kg day (worker, skin contact, long-term exposition - systemic effects)

117 mg/m<sup>3</sup> (worker, inhalation, long-term exposition - systemic effects)

10 mg/kg day (consumer, swallowing/skin contact, long-term exposition - systemic effects)

35 mg/m<sup>3</sup> (consumer, inhalation, long-term exposure - systemic effects)

*Predicted No-Effect Concentration (PNEC):*

*Rosin, Gum Rosin:*

Fresh water: 0.0016 mg/l

Sea water: 0.00016 mg/l

Fresh water sediment: 0.007 mg/kg

Sea water sediment: 0.0007 mg/kg

Sewage treatment system (STP): 1000 mg/l

Intermittent release: 0.016 mg/l

Soil: 0.00045 mg/kg

*Additional Information:*

### 8. 2. Exposure Controls

*Technical protective measures:*

*Provide adequate ventilation.*

*Personal Protection*

*General protective measures:*

*Remove contaminated clothing immediately.*

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*Keep away from foodstuffs and drinks. Do not eat, drink or smoke during work. Wash hands before breaks and at the end of work.*

*Respiratory protection:*

*In case of formation of dust.*

*Hand protection:*

*Protective gloves (EN 374)*

*Protective glove material:*

*Eye protection:*

*Safety glasses with protective shields (EN 166).*

*Body protection:*

*Protective clothing, chemical resistant.*

*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:* *solid*

*Color:* *yellow - brownish*

*Odor:* *resin-like*

*Odor threshold:*  
*No information available.*

*pH-Value:*  
*not determined*

*Melting temperature:* *66.5 - 93.4°C*

*Boiling temperature:*  
*not determined*

*Flash point:* *> 200°C*

*Evaporation rate:*  
*No information available.*

*Flammability (solid, gas):*  
*flammable*

*Upper explosion limit:*  
*not determined*

*Lower explosion limit:*  
*not determined*

*Vapor pressure:* *400 Pa (124.5°C)*

*Vapor density:*  
*No information available.*

*Density:* *1.03 g/cm<sup>3</sup> (20°C)*

*Solubility in water:* *insoluble*

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Coefficient of variation (n-Octanol/Water):	3.01 log POW (20°C)
Auto-ignition temperature:	not determined
Decomposition temperature:	not applicable
Viscosity, dynamic:	> 280°C
Explosive properties:	not applicable
Oxidizing properties:	not applicable
Bulk density:	no information available

### 9. 2. Further Information

Solubility in solvents:  
Viscosity, kinematic:  
Burning class:  
Solvent content:  
Solid content:  
Particle size:  
Other information:

Erweichungstemperatur: 75 - 82°C

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## 10. Stability and Reactivity

### 10.1. Reactivity

No information available.

### 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:

Avoid heat, open fire and other ignition sources.

Thermal decomposition:

### 10.5. Incompatible Materials

Oxidizing agents.

### 10.6. Hazardous Decomposition Products

None known.

### 10.7. Further Information

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## 11. Toxicological Information

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### 11. 1. Information on Toxicological Effects

#### *Acute Toxicity*

*LD50, oral:* 2800 mg/kg (rat)

*LD50, dermal:* 2000 mg/kg (rat; OECD 402)

*LC50, inhalation:*  
No information available.

#### *Primary effects*

*Irritant effect on skin:*  
Non irritating (rabbit; OECD 404)

*Irritant effect on eyes:*  
Non-irritating to eyes (rabbit; OECD 405)

*Inhalation:*  
No information available.

*Ingestion:*  
No information available

*Sensitization:*  
Sensitizing (mouse; OECD 429).

*Mutagenicity:*  
Not mutagenic (OECD 473)

*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:*  
Aspiration hazard: no data available

### 12. Ecological Information

#### 12. 1. Aquatic Toxicity

No information available.

*Fish toxicity:*

*Daphnia toxicity:*

*Bacteria toxicity:*

*Algae toxicity:*

#### 12. 2. Persistency and Degradability

80 % (28d); readily biodegradable (Method: OECD 301B)

#### 12. 3. Bioaccumulation

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*log POW: > 3*

### 12. 4. Mobility

*No information available.*

### 12. 5. Results of PBT- und vPvP Assessment

*This product is neither a PBT or vPvB substance nor does it contain a PBT or vPvB substance.*

### 12. 6. Other Adverse Effects

*Water hazard class:*

*1, slightly hazardous*

*Behaviour in sewage systems:*

*Further ecological effects:*

*No ecological problems expected.*

*AOX Value:*

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## 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.:*

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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.:*

*IATA Class:*

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*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

*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:*

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

*Local regulations on chemical accidents:*

*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: not applicable*

*Technical instructions on air quality:*

### 15. 2. Chemical Safety Assessment

*EC SVHC-List: This product does not contain a substance in the candidate list for substances of very high concern (REACH Regulation (EC) 1907/2006, Article 57)*

### 15. 3. Further Information

*EC. REACH, Annex XIV, Candidate List of Substances of very High Concern (SVHC): 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.*