

Safety Data Sheet

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



60304 Colophony, dark brown

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Revised edition: 01.11.2022

Version: 2

Printed: 03.01.2023

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

1.1. Product Identifier

Product Name: Colophony, dark brown

Article No.: 60304

UFI: --

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

EMail: 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:

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H317

May cause an allergic skin reaction.

Safety designation:

P261

Avoid breathing dust/ fume/ gas/ mist/ vapors/ spray.

P272

Contaminated work clothing should not be allowed out of the workplace.

P280

Wear protective gloves/ clothing/ eye/ face protection.

P302+P352

If on skin: Wash with soap and water.

P321

Specific treatment (see label).

P333+P313

If skin irritation or rash occurs: Get medical attention.

P363

Wash contaminated clothing before reuse.

P501

Dispose of contents/ container according to regional, national and international regulations.

Hazardous components for labelling:

2.3. Other Hazards

3. Composition/Information on Ingredients

3.1. Substance

This product is a substance: see details under 3.2.

3.2. Mixture

This product is not a mixture.

Chemical Characterization:

Substance of unknown or variable composition (UVCB).

Information on Components / Hazardous Ingredients:

Rosin, Gum Rosin (Skin Sens. 1, H317); REACH 100 %
Reg. No. 01-2119480418-32

CAS-Nr: 8050-09-7
EINECS-Nr: 232-475-7
EC-Nr: 650-015-00-7

Additional information:

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

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Symptoms:

Allergic reactions.

Effects:

4. 3. Indication of any Immediate Medical Attention and special Treatment needed

Treatment:

Treat symptomatically.

5. Fire-Fighting Measures

5. 1. Extinguishing Media

Suitable extinguishing media:

Foam, CO2, 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:

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.

Clean contaminated area thoroughly.

6. 4. Reference to other Sections

Protective clothing, see Section 8.

See Section 13 for information on disposal.

7. Handling and Storage

7. 1. Precautions for Safe Handling

Instructions on safe handling:

Avoid contact with skin.

Hygienic measures:

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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.

7. 2. Conditions for Safe Storage, including any Incompatibilities

Storage conditions:

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

Protect against heat and direct sunlight.

Requirements for storage areas and containers:

Store the product in the original container.

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):

No occupational exposure limits known.

Parameters to be controlled:

Derived No-Effect Level (DNEL):

Rosin, Gum Rosin:

2.131 mg/kg bw/day (worker, skin contact, long-term exposure - systemic effects)

10 mg/m3 (worker, inhalation, long-term exposure - local effects)

1.065 mg/kg bw/day (consumer, swallowing/skin contact, long-term exposure - systemic effects)

35 mg/m3 (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

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Technical protective measures:

Provide adequate ventilation.

Personal Protection

General protective measures:

Remove contaminated clothing immediately.

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 gloves. The glove material has to be impermeable and resistant to the product / substance / preparation.

Protective glove material:

Nitrile rubber, neoprene

Polyvinyl chloride (PVC), rubber

Eye protection:

Safety glasses with protective shields (EN 166).

Body protection:

Protective clothing, chemical resistant.

Environmental precautions:

No special measures required.

9. Physical and Chemical Properties

9.1. Information on Basic Physical and Chemical Properties

Form: solid

Color: yellow-brownish to brown

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

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Lower explosion limit:

not determined

Vapor pressure:

400 Pa (124.5°C)

Vapor density:

No information available.

Density:

1.034 (20°C)

Solubility in water:

insoluble

Coefficient of variation (n-Octanol/Water):

3.01 log POW (20°C)

not determined

Auto-ignition temperature:

not applicable

Decomposition temperature:

> 280°C

Viscosity, dynamic:

not applicable

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:

Other information:

Softening temperature: 75 - 82°C

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.

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Thermal decomposition:

10.5. Incompatible Materials

Oxidizing agents.

10.6. Hazardous Decomposition Products

None known.

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: 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.

Aspiration hazard

No information available.

11.2. Information on other Hazards

Endocrine Disrupting Properties:

12. Ecological Information

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12. 1. Aquatic Toxicity

Fish toxicity:

LC50: 1.7 mg/l (96h, Pimephales promelas; OECD 203)

Daphnia toxicity:

EC50: 100 mg/l (48h, Daphnia magna; OECD 202)

Bacteria toxicity:

IC50: > 10000 mg/l (3h, active sludge; OECD 209)

Algae toxicity:

EL50: > 100 mg/l (72h, Desmodesmus subspicatus; OECD 201)

12. 2. Persistency and Degradability

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

12. 3. Bioaccumulation

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. Endocrine Disrupting Properties

Not listed.

12. 7. Other Adverse Effects

Water hazard class:

1, slightly hazardous

Behaviour in sewage systems:

Further ecological effects:

No ecological problems expected.

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:

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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:

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

None

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

Not classified as a dangerous good under transport regulations.

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:

*Directive 2012/18/EU on the control of major-accident hazards involving dangerous substances (Seveso III):
Does not underlie the Accident Ordinance.*

Employment restrictions:

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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

A Chemical Safety Assessment has been carried out for this product.

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

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.