

1. Identification of the Substance/Preparation and of the Company/Undertaking*Identification of the Product*

Product Name: Permanent Red A, Anthraquinone pigment
Article No.: 23230
Use of the Substance/Preparation: Artists' and Restoration Material

Company

Company: Kremer Pigmente GmbH & Co. KG
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Emergency No.: +49 7565 91120, Mon-Fri 8:00 - 17:00

2. Hazard Identification

Hazard designation: Risk of dust explosion.
No labelling required.

3. Composition/Information on Ingredients

Chemical Characterization: Pigment Red 177

4. First Aid Measures

After inhalation: Take affected person to fresh air and keep calm.
After skin contact: Wash with soap and rinse with plenty of water.
After eye contact: Rinse eyes with water.
After ingestion: Do not induce vomiting. Consult physician immediately.
Show product label to person applying first aid.

5. Fire-Fighting Measures

Suitable extinguishing media: Foam, water jet.
Unsuitable extinguishing media: Carbon dioxide, water jet, dry extinguishing powder.
Protective equipment: Use self-containing breathing apparatus.
Special hazards: In case of fire: formation of carbon and nitrogen oxides.

6. Accidental Release Measures

Personal precautions: Wear protective clothing.
Environmental precautions: Prevent contamination of soil, drains and surface waters.
Methods of cleaning/absorption: Take up mechanically and collect in suitable container for disposal.
Avoid dust formation.
Take precautionary measures against static discharges; risk of dust explosion.

7. Handling and Storage*Handling*

Instructions on safe handling: Avoid dust formation.

Information on fire and explosion protection:

Keep away from sources of ignition - do not smoke. Take precautionary measures against static discharges.
Dust in combination with air can form an explosive compound.

Storage

Storage conditions:

Store in a cool and dry place.

Storage class (VCI):

11; Combustible solids

8. Exposure Controls/Personal Protection

Additional information about design of technical systems:

Provide adequate ventilation.

Components with workplace control parameters (Germany):

TRGS 900

MAC-Value: 10 mg/m³ general dust limit inhalable fraction.

MAC-Value: 6 mg/m³ air-borne fraction

Personal protective equipment

General protective measures:

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

Remove contaminated clothing immediately.

Wash hands before breaks and after work.

Respiratory protection:

In case of formation of dust.

Hand protection:

Suitable protective gloves recommended, e.g. glove material: nitrile rubber (NBR).

Protective glove material:

Please note the manufacturers' detailed statements, especially about the minimum thickness and the minimum breakthrough time.

Eye protection:

Safety glasses

Body protection:

Protective clothing.

9. Physical and Chemical Properties

Form:

powder

Color:

red

Odor:

characteristic

Melting temperature:

not applicable

Flash point:

not applicable

Lower explosion limit:

22.000 mg/m³

Vapor pressure:

not applicable

Solubility in water:

insoluble

pH-Value:

5-8.5

10. Stability and Reactivity

Hazardous reactions:

None if handled and stored according to specifications.

Hazardous decomposition products:

None if stored and handled according to specifications.

11. Toxicological Information

Acute toxicity

LD50, oral:

> 5000 mg/kg (rat; OECD 401)

LD50, dermal: > 5000 mg/kg (rat; OECD 402)

Primary effects

Irritant effect on skin: Non irritating (rabbit)

Irritant effect on eyes: Non-irritating to eyes (rabbit)

12. Ecological Information

Elimination (Persistency and Degradability): < 10 %

- Fish toxicity: LC50: > 1000 mg/l

Further ecological effects: Biochemical oxygen demand (BOD5): 9 mg/g
Chemical oxygen demand (COD): 2132 mg/g

AOX Value: Product does not contain any organically bound halogens which influence the AOK value of discard water.

Further information

Water hazard class: 1

13. Disposal Considerations

Product: Dispose of according to official national and local regulations.

Uncleaned packaging: Dispose according to product.

14. Transport Information

Further information: Not classified as a dangerous good under transport regulations.

15. Regulatory Information

Designation according to EC guidelines: The material is not subject to classification according to EC lists.

Water hazard class: 1, slightly hazardous for water

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.