

Material Safety Data Sheet (91/155/EWG)

page 1/3
Date of issue: November 14, 2002

Trade Name: LUKAS pure artists` pigments Primary red, article no. 2450

1. Identification of the substance, preparation and the company:

Trade Name: LUKAS pure artists` pigments Primary red, article no. 2450

Manufacturers Name: LUKAS Künstlerfarben & Maltuchfabrik , Dr. Fr. Schoenfeld GmbH & Co.
Manufacturers Address: Harffstr. 40
40591 Düsseldorf – Germany

Phone: ++49-211-78130
Fax: ++49-211-781329
Emergency Phone: ++49-211-781340 (LUKAS laboratory)

2. Composition / Information on Ingredient:

Pigment Red 122, chinacridone red

Pigment for grinding colours

3. Health Hazard Data:

Hazards identification: unknown

Description of dangers: Based on the information available to us, this product is not a hazardous substance in the meaning of the law on chemicals or the regulations on hazardous substances in the version which is currently valid.

Additional information: Product can cause dust explosion

4. First Aid Measures:

In general: Remove all contaminated clothing immediately.

Inhalation: Remove the casualty into fresh air and keep him calm.

Skin Contact: Wash skin immediately with soap and water.

Eye Contact: Remove all eyewear. Rinse eyes thoroughly with water. If irritation develops seek medical attention.

Ingestion: Rinse mouth thoroughly with water. Do not drink any liquids and do not induce vomiting. Seek medical attention immediately if a large quantity has been ingested.

5. Fire Fighting Measures:

Extinguishing Media: water fog, water mist.

Not recommended for security reasons: full power water jet, CO2.

Particular danger caused by material, it`s combustion products or gases: In case of fire product may form carbon monoxide, carbon dioxide and other dangerous substances.

Proper Protective Equipment: protective clothing and a self-contained breathing apparatus

Material Safety Data Sheet (91/155/EWG)

page 2/3
Date of issue: November 14, 2002

Trade Name: LUKAS pure artists` pigments Primary red, article no. 2450

6. Accidental Release Measures

- Water:* Avoid entry into water and sewage systems. Pay attention to local official rules.
Contain contaminated extinguished water.
- Ground:* Take up mechanically. Avoid dust formation and electrical charging (sparking) because dust explosion might occur.
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7. Handling and Storage

- 7.1 Handling:* Handling as usual for working with chemicals:
Keep away from food and drinks.
Avoid direct contact with eyes, skin and clothes.
Avoid dust formation.
Keep away from sources of ignition.
Take precautionary measures against electrostatic charges – earthing during loading operations.
- 7.2 Storage:* Keep container dry.
Keep out of reach of children.
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8. Exposure Controls / Personal Protection

No additional directions necessary; see section 7.

9. Physical and Chemical Properties

Form: powder
Colour: violett
Odour: odourless
Temperature for self ignition: 280 °C
pH value: not applicable
Density: 1,45 g/ml (20 °C)
Bulk density: 200 -250 kg/m³ (20 °C)
Solubility in Water: insoluble

10. Stability and Reactivity

Conditions to avoid: Thermal decomposition from 400 °C.
Hazardous reactions: When handled and stored appropriately no dangerous reactions are known.

11. Toxicological Information

Acute oral toxicity: LD50 > 2000 mg/kg (rat)
Irritant effect on skin: non-irritant (rabbit)
Irritant effect on eyes: non-irritant (rabbit eye)

Material Safety Data Sheet (91/155/EWG)

page 3/3
Date of issue: November 14, 2002

Trade Name: LUKAS pure artists` pigments Primary red, article no. 2450

12. Ecological Information

Do not allowed to enter soil, waterways or waste water.

13. Disposal Considerations

Product should be taken to a suitable and authorized waste disposal site in accordance with relevant regulations and if necessary after consultation with the waste disposal operator and/or the competent Authorities.

14. Transport Information

Not dangerous according to the transport regulations GGVS/GGVE/RID/ADR/IMDG Code/ICAO-TI.

15. Regulatory Information

Based on the information available to us, this product is not a hazardous substance in the meaning of law on chemicals or the regulations on hazardous substances in the version which is currently valid.

16. Other Informations

The data given here is based on current knowledge and experience. The purpose of this Safety Data Sheet is to describe the products in terms of their safety requirements. The data does not signify any warranty with regard to the products` properties.