



L. CORNELISSEN & SON

Artists' Colourmen

Suppliers of Materials for Painters, Gilders & Printmakers

Safety Data Sheet according to Directive 91/155/EC

Revision Date: June 2013

1) Identification of the substance/preparation and the company

Trade Name: Cornelissen Cadmium Pigments. Includes: Cadmium Yellow Lemon, Cadmium Yellow Light, Cadmium Yellow Middle, Cadmium Yellow Deep, Cadmium Yellow Orange, Cadmium Red, Cadmium Red Deep, Cadmium Vermillion, Cadmium Brown.

Application: Artists' Pigment

Manufacturer/Supplier:

L Cornelissen & Son Ltd
105 Great Russell Street
London WC1B 3RY

Tel: 020 7636 1045

Fax: 020 7636 3655

www.cornelissen.com

2) Composition/Information on ingredients

Inorganic Pigment: Cadmium zinc sulphide yellow 50-100%

CAS No: 8048-07-5

EINECS No: 232-466-8

3) Hazards Identification

Labelling: Not necessary.

Inhalation: Excessive exposure may cause damage to the lungs and kidneys.

Ingestion: The product is of low solubility in body fluids and it is likely to be of low acute toxicity.

Eyes: May cause physical irritation and inflammation.

Skin: The material is not a primary irritant, but as with any abrasive powder it may give rise to minor irritation.

4) First Aid Measures

Eye contact: Wash immediately with copious amounts of water.

Skin contact: Remove contaminated clothing. Wash skin with soap & water & rinse thoroughly.

Inhalation: Remove patient to fresh air, loosen clothing and seek medical attention.

Ingestion: Do not induce vomiting, seek medical advice.

5) Fire Fighting Measures

Extinguishing Media: Suitable for surrounding fire conditions.

Unusual fire and explosive hazards: None but in the event of a fire the product may give off toxic fumes.

Personal Protective Equipment: Self contained breathing apparatus.

6 Accidental Release Measures

Leaks and Spills: Avoid formation of dust. Clean up with appropriate personal protective equipment. Use vacuum equipment where possible. Otherwise damp down and scoop into receptacle.

Personal Protective Equipment: Respiratory protective equipment.

7) Handling and Storage

Handling: Do not eat, drink or smoke in areas where the material is used. Wash thoroughly after handling.

Storage: A moderately dry, well ventilated area is considered suitable for handling and storage.

8) Exposure/Personal Protection

Engineering Controls: Adequate ventilation should be provided so that occupational exposure limits are not exceeded. Local exhaust ventilation normally recommended. Where local exhaust ventilation is not practical and exposure is likely to be excessive:

Respiratory protection: Use mask during work in unventilated and dusty spaces.

Skin protection: Wear suitable protective gloves and clothing.

Eye protection: Use safety glasses

9) Physical and chemical Properties

Appearance: Powder

Odour: None

Boiling point: N/A

Melting point: >1000°C

Flash point: N/A.

Ph: 5-8

Solubility: Insoluble in water.

Flammability: N/A.

Extinguishing media: No restriction

10) Stability and Reactivity

Stability: Stable under normal conditions of storage and use.

Hazardous reactions: Concentrated acids may release toxic and flammable Hydrogen Sulphide gas.

11) Toxicological Information

Acute Toxicity: Oral Toxicity: LD50 (rat)>5g/Kg

Health Effects: Prolonged or repeated exposure above occupational exposure standards may cause lung or kidney damage.

12) Ecological Information

Ecotoxicity: Fish toxicity: LC50: > 1000 mg/l

Daphnia toxicity: EC50: 20 mg/l (48h)

Persistence: The product is chemically stable and will persist in the environment.

Further information: Water hazard class: 1

13) Disposal Information

Examine possibilities for recycling.

Return large quantities to the manufacturer.

Dispose in accordance with all applicable local & national regulations. Consult with authorities and take to special waste disposal site. Do not burn product.

14) Transport Information

Not classified as dangerous cargo.

Keep separated from foodstuffs.

15) Regulatory Information

This product is not a substance subject to mandatory marking within EC Directive 67/548/EC.

Safety Phases: S21 When using do not smoke.
 S20 When using do not eat or drink.
 S13 Keep away from food, drink and animal feeding stuffs.
 S07 Keep container tightly closed

UK Occupational Exposure Limits:

Cadmium pigments (respirable dust) 0.04 mg/m³ 8 hr TWA

16) Other information

This product should be stored, handled and used in accordance with good hygiene practices and in conformity with any legal regulations.

To best of our knowledge the information contain herein is accurate. However, neither the above supplier assumes any liability whatsoever for the accuracy or completeness of the information herein

Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist