



L. CORNELISSEN & SON

Artists' Colourmen

Suppliers of Materials for Painters, Gilders & Printmakers

Safety Data Sheet according to Directive 91/155/EC

Revision Date: January 2017

1) Identification of the substance/preparation and the company

Trade Name: Cornelissen Synthetic Earth Pigments. Includes: Mars Red, Mars Violet, Mars Yellow, Translucent Orange Oxide, Translucent Red Oxide, Translucent Yellow Oxide.

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) Hazards Identification

Classification of the Substance or Mixture

Classification according to EC Regulation 1272/2008

This product does not require classification and labelling as hazardous according to CLP/GHS.

Label Elements

Classification according to EC Regulation 1272/2008

This product does not require classification and labelling as hazardous according to CLP/GHS.

Hazard designation: Not applicable.

Other Hazards.

N/A

3) Composition/Information on ingredients

Synthetic Iron Oxides.

CAS No: 1309-37-1

4) First Aid Measures

Description of the First Aid Measures

Eye contact:	Flush eye with flowing water.
Skin contact:	Wash with soap & water & rinse thoroughly.
Inhalation:	Remove subject to fresh air.
Ingestion:	No special measure required.

Most important Symptoms and Effects, both Acute and Delayed

Symptoms:	No further information available.
Effects:	No further information available.

Indication of any Immediate Medical Attention and special Treatment needed

Treatment:	No further information available.
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5) Fire Fighting Measures

This product is not flammable and does not produce a toxic effect.

Extinguishing Media

Extinguishing Media: No restriction in fire situations.

Unusual fire and explosive hazards: None.

Special Hazards arising from the Substance or Mixture

Special hazards: No special hazards.

Advice for Firefighters

Protective equipment: Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

6 Accidental Release Measures

Personal Precautions, Protective Equipment and Emergency Procedures

Personal precautions: Wear appropriate protective equipment. Keep spectators away. Ensure adequate ventilation. Floor may be slippery; use care to avoid falling.

Environmental Precautions

Environmental precautions: Prevent contamination of soil, drains and surface waters. Contact local authorities if product pollutes soil or vegetation.

Methods and Material for Containment and Cleaning Up

Methods and material: Clean up mechanically. Transfer liquids and solid diking material to separate suitable containers for recovery or disposal.

Reference to other Sections

In case of emergency, see Section 1. Protective clothing, see Section 8. See Section 13 for information on disposal.

7) Handling and Storage

Precautions for Safe Handling

Instructions on safe handling: No special measures necessary if properly handled. Usual precautions for nuisance dust should be observed. In case of release or spillage clean up with wetting of material and avoid dusting.

Hygienic measures: No special measures required.

Conditions for Safe Storage, including any Incompatibilities

Storage conditions: Store dry and in the original tightly sealed containers. A moderately dry, well ventilated area is considered suitable for handling and storage.

Requirements for storage areas and containers: No special measures necessary.

Information on fire and explosion protection: No special measures necessary.

Storage class (VCI): 13; Non combustible solids

Further Information: No information available.

Specific End Use(s)

Further information: No information available.

8) Exposure/Personal Protection

Parameters to be Controlled

Parameters to be controlled (EC):

Derived No-Effect Level (DNEL):

DNEL/DMEL: 10 mg/m³ (worker, inhalation, long-term exposure - systemic effects)
3 mg/m³ (worker, inhalation, long-term exposure)

Predicted No-Effect Concentration (PNEC):

Additional Information:

Workplace Exposure Limit (WEL): The user must take precautions to ensure that the environmental controls employed are adequate to maintain the exposure level below the WEL.

Exposure Controls

Technical protective measures: Ensure adequate ventilation, especially in confined areas.

Personal Protection

General protective 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. Wash contaminated clothes before reuse.
Respiratory protection:	Dust mask.
Hand protection:	Protective gloves (EN 374)
Eye protection:	Safety glasses with protective shields (EN 166).
Body protection:	Protective clothing.

9) Physical and chemical Properties

Information on Basic 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

Reactivity

No information available.

Chemical Stability

The product is stable.

Possibility of Hazardous Reactions

This material is considered to be stable.

Conditions to Avoid

No information available.

Incompatible Materials

No information available.

Hazardous Decomposition Products

None if stored and handled according to specifications.

11) Toxicological Information

Information on Toxicological Effects

LD50, oral: > 5000 mg/kg (rat)

Primary effects

Irritant effect on skin: Non irritating

Irritant effect on eyes: Non-irritating to eyes

Inhalation: No information available.

Ingestion: No information available

Sensitization: No sensitizing effect.

Mutagenicity: Not mutagenic

Reproductive toxicity: No data available.

Carcinogenicity: Negative

Teratogenicity: No information available.

Specific target organ toxicity (STOT): No data available.

Additional toxicological information:

Chronic effects: Inhalation: Repeated or prolonged inhalation of dust can cause a chronic irritation of the respiratory tract.

12) Ecological Information

Aquatic Toxicity

No information available.

Persistency and Degradability

Methods for the evaluation of the biological degradability are not applicable for inorganic substances.

Bioaccumulation

No information available.

Mobility

No information available.

Results of PBT- und vPvP Assessment

Not applicable.

Other Adverse Effects

Water hazard class: Not hazardous.

No special effects or hazards known.

13) Disposal Information

Waste Treatment Methods

Examine possibilities for recycling.

Return large quantities to the manufacturer.

Dispose in accordance with all applicable local & national regulations.

14) Transport Information

Not classified as a dangerous good under transport regulations.

Keep separated from foodstuffs.

15) Regulatory Information

Safety, Health and Environmental Regulations/Legislation specific for the Substance or Mixture

Water hazard class: 0, not hazardous

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