

Safety Data Sheet
 required under OSHA's Hazard Communication Standard 29CFR
 1910.1200

Printing date 03/17/2016

Reviewed on 03/16/2016

1 Identification

- **Trade name:** REMBRANDT OILCOLOUR, 117 - ZINC WHITE (LINSEED OIL)
- **Article number:** 010x.1172
- **Manufacturer/Supplier:**
 Royal Talens
 P.O.Box 4, Apeldoorn, The Netherlands 7300AA
- **USA-distributor:**
 Royal Talens North America, Inc.
 30 Industrial Drive, Northhampton, MA 01060
 tel. +1- 413-300-1899
- **Information department:** info.na@talens.com
- **Emergency telephone number:** For further health information call a poison control center.

2 Hazard(s) identification

- **Hazard warning in accordance with US Labeling of Hazardous Art Materials Act / Federal Hazardous Substances Act:**
- **Hazard statements** Void

3 Composition/information on ingredients· **Dangerous components:**

1314-13-2	zinc oxide	50-100%
-----------	------------	---------

4 First-aid measures

- **General information:** No special measures required.
- **After inhalation:** Not applicable.
- **After skin contact:** Generally the product does not irritate the skin.
- **After eye contact:** Rinse opened eye for several minutes under running water.
- **After swallowing:** If symptoms persist consult doctor.

5 Fire-fighting measures

- **Extinguishing media**
- **Suitable extinguishing agents:** Use fire fighting measures that suit the environment.
- **Special hazards arising from the substance or mixture** No further relevant information available.

6 Accidental release measures

- **Personal precautions, protective equipment and emergency procedures** Not required.
- **Environmental precautions:** Do not allow to enter sewers/ surface or ground water.
- **Methods and material for containment and cleaning up:** Pick up mechanically.

7 Handling and storage

- **Precautions for safe handling:** No special precautions are necessary if used correctly.

US

(Contd. on page 2)

8 Exposure controls/personal protection

· **Control parameters**

· **Components with limit values that require monitoring at the workplace:**

1314-13-2 zinc oxide

PEL Long-term value: 15* 5** mg/m³
*total dust **respirable fraction and fume

REL Short-term value: 10** mg/m³
Long-term value: 5* 5** mg/m³
Ceiling limit value: 15* mg/m³
*dust only **fume

TLV Short-term value: 10* mg/m³
Long-term value: 2* mg/m³
*as respirable fraction

· **General protective and hygienic measures:** Wash hands before breaks and at the end of work.

· **Eye protection:** Not required.

9 Physical and chemical properties

· **Appearance:**

Form: Pasty

Color: White

· **Odor:** Characteristic

· **pH-value:** Not applicable.

· **Change in condition**

Melting point/Melting range: Not determined.

Boiling point/Boiling range: Not determined.

· **Flash point:** > 100 °C (> 212 °F)

· **Flammability (solid, gaseous):** Not determined.

· **Explosion limits:**

Lower: Not determined.

Upper: Not determined.

· **Density at 20 °C (68 °F):** 2.15 g/cm³ (17.942 lbs/gal)

· **Solubility in / Miscibility with**

Water: Insoluble.

· **Viscosity:**

Dynamic: Not applicable.

Kinematic: Not applicable.

10 Stability and reactivity

· **Thermal decomposition / conditions to be avoided:** No decomposition if used according to specifications.

· **Possibility of hazardous reactions** No dangerous reactions known.

· **Conditions to avoid** No further relevant information available.

· **Incompatible materials:** No further relevant information available.

11 Toxicological information

· **Acute toxicity:**

· **LD/LC50 values that are relevant for classification:**

1314-13-2 zinc oxide

Oral LD50 > 5000 mg/kg (rat)

· **Carcinogenic categories:**

· **IARC (International Agency for Research on Cancer)**

None of the ingredients is listed.

· **NTP (National Toxicology Program)**

None of the ingredients is listed.

· **OSHA-Ca (Occupational Safety & Health Administration)**

None of the ingredients is listed.

12 Ecological information

· **General notes:**

Do not allow product to reach ground water, water course or sewage system.

The product contains materials that are harmful to the environment.

Very toxic for aquatic organisms

13 Disposal considerations

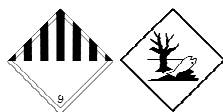
· **Recommendation:**

Must not be disposed together with household garbage. Disposal must be made according to official regulations. Do not allow product to reach sewage system.

14 Transport information

· **Transport hazard class(es)**

· **DOT, ADR, IMDG, IATA**



· **Class** 9 Miscellaneous dangerous substances and articles

· **Label** 9

· **Packing group**

· **DOT, ADR, IMDG, IATA III**

· **Special marking (IATA):** Symbol (fish and tree)

· **UN "Model Regulation":** UN 3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCES, LIQUID, N.O.S. (ZINC OXIDE), 9, III

Safety Data Sheet
 required under OSHA's Hazard Communication Standard 29CFR
 1910.1200

Printing date 03/17/2016

Reviewed on 03/16/2016

(Contd. of page 3)

15 Regulatory information

· **Safety, health and environmental regulations/legislation specific for the substance or mixture**

· **TSCA (Toxic Substances Control Act):**

All ingredients are listed.

16 Other information

- All colors in this Rembrandt Oilcolours productline, except color 207, 208, 210, 211, 242, 271, 303, 306, 309, 314, 513, 515, 517, 534, 539, 586, 610 and 682, are qualified to bear the AP (approved product) Seal of the Art & Creative Materials Institute, Inc. This means that they are certified in a program of toxicological evaluation by medical expert to contain no materials in sufficient quantities to be toxic or injurious to humans or to cause acute or chronic health problems. Certified by ACMI to be labeled in accordance with the chronic hazard labeling standard, ASTM D 4236 and Federal law, P.L. 100-695.

- This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

· **Date of preparation / last revision** 03/17/2016 / -

· **Abbreviations and acronyms:**

ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)

IMDG: International Maritime Code for Dangerous Goods

DOT: US Department of Transportation

IATA: International Air Transport Association

EINECS: European Inventory of Existing Commercial Chemical Substances

ELINCS: European List of Notified Chemical Substances

CAS: Chemical Abstracts Service (division of the American Chemical Society)

LC50: Lethal concentration, 50 percent

LD50: Lethal dose, 50 percent

OSHA: Occupational Safety & Health

TLV: Threshold Limit Value

PEL: Permissible Exposure Limit

REL: Recommended Exposure Limit

US