

**Safety Data Sheet**  
acc. to OSHA HCS

Printing date 01/04/2023

Reviewed on 01/04/2023

**1 Identification**

- **Trade name:** **REMBRANDT OILCOLOUR, 104 - ZINC WHITE**
- **Article number:** 01031042, 01051042, 01061042, 01071042
- **Manufacturer/Supplier:**  
Royal Talens  
P.O.Box 4, Apeldoorn, The Netherlands 7300AA
- **USA / Canada-distributor:**  
Royal Talens North America, Inc.  
30 Industrial Drive, Northampton, MA 01060  
tel. +1- 413-300-1899
- **Information department:** info.na@royaltalens.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:**  
No health labeling required
- **Hazard statements** Void

**3 Composition/information on ingredients**

- **Dangerous components:** 1314-13-2 zinc oxide

**4 First-aid measures**

- **After inhalation:** Not applicable.
- **After skin contact:**  
Generally the product does not irritate the skin.  
Clean with water and soap.
- **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:** Not relevant
- **Special hazards arising from the substance or mixture**  
Formation of toxic gases/vapours is possible during heating or in case of fire.

**6 Accidental release measures**

- **Personal precautions, protective equipment and emergency procedures** Not required.

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- **Environmental precautions:** Do not allow to enter sewers/ surface or ground water.
- **Methods and material for containment and cleaning up:**  
Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).

### 7 Handling and storage

- **Precautions for safe handling:** No special measures required.

### 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/m <sup>3</sup> *total dust **respirable fraction and fume
REL	Short-term value: 10** mg/m <sup>3</sup> Long-term value: 5 mg/m <sup>3</sup> Ceiling limit value: 15* mg/m <sup>3</sup> *dust only **fume
TLV	Short-term value: 10* mg/m <sup>3</sup> Long-term value: 2* mg/m <sup>3</sup> *as respirable fraction

- **General protective and hygienic measures:** Wash hands before breaks and at the end of work.
- **Protection of hands:**
- **Penetration time of glove material:** Not applicable.
- **Eye protection:** Not required.

### 9 Physical and chemical properties

· <b>Appearance:</b>	
<b>Form:</b>	Pasty
<b>Color:</b>	White
· <b>Odor:</b>	Characteristic
· <b>pH-value:</b>	Not applicable.
· <b>Change in condition</b>	
<b>Melting point/Melting range:</b>	Not determined.
<b>Boiling point/Boiling range:</b>	Not determined.
· <b>Flash point:</b>	>100 °C (>212 °F)
· <b>Flammability (solid, gaseous):</b>	Not applicable.
· <b>Decomposition temperature:</b>	Not determined.
· <b>Explosion limits:</b>	
<b>Lower:</b>	Not determined.
<b>Upper:</b>	Not determined.
· <b>Density at 20 °C (68 °F):</b>	2.25 g/cm <sup>3</sup> (18.77625 lbs/gal)
· <b>Vapor density</b>	Not applicable.
· <b>Evaporation rate</b>	Not applicable.
· <b>Solubility in / Miscibility with</b>	
<b>Water:</b>	Not miscible

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· **Partition coefficient (n-octanol/water):** Not determined.

### 10 Stability and reactivity

- **Possibility of hazardous reactions** No dangerous reactions known.
- **Conditions to avoid** No further relevant information available.
- **Incompatible materials:**  
Acids; Alkali (lyes)  
Strong oxidising agents.
- **Hazardous decomposition products:** No decomposition if used according to specifications.

### 11 Toxicological information

- **Subacute to chronic toxicity:**
- **Carcinogenic categories:**
- **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

- **Toxicity**
- **Aquatic toxicity:** No further relevant information available.
- **Persistence and degradability** No further relevant information available.
- **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

- **UN-Number** Not applicable.
  - **DOT** UN3077
  - **Transport hazard class(es)**
  - **DOT, ADR, IMDG, IATA**
- 

- **Class** 9 Miscellaneous dangerous substances and articles
  - **Label** 9
  - **Packing group** None
  - **DOT, ADR, IMDG, IATA III**

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- **Special marking (IATA):** Symbol (fish and tree)
- **DOT**
- **Quantity limitations**      *On passenger aircraft/rail: No limit  
On cargo aircraft only: No limit*
- **Remarks:**                      *Special marking with the symbol (fish and tree).*
- **UN "Model Regulation":** *UN 3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (ZINC OXIDE), 9, III*

### 15 Regulatory information

- **Safety, health and environmental regulations/legislation specific for the substance or mixture**  
*No further relevant information available.*
- **TSCA (Toxic Substances Control Act):**  
*All components have the value ACTIVE.*

### 16 Other information

- *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** 01/04/2023 / -
- **Abbreviations and acronyms:**  
*ADR: Accord relatif au transport international 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)*  
*OSHA: Occupational Safety & Health*  
*TLV: Threshold Limit Value*  
*PEL: Permissible Exposure Limit*  
*REL: Recommended Exposure Limit*
- **\* Data compared to the previous version altered.**

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