

1 Identification

- **Trade name:** AMSTERDAM ACRYLIC RETARDER 070
- **Article number:** 24xx.3070
- **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** No health labeling required

3 Composition/information on ingredients

- **Chemical characterization:** Substances
- **CAS No. Description**
57-55-6 propane-1,2-diol
- **Identification number(s)**
- **EC number:** 200-338-0

4 First-aid measures

- **After skin contact:** 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:** 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:** Dilute with plenty of 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:**

57-55-6 propane-1,2-diol

WEEL Long-term value: 10 mg/m³

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

9 Physical and chemical properties

· **Appearance:**

Form: Liquid

Color: Colorless

· **Odor:** Characteristic

· **pH-value:** neutral

· **Change in condition**

Melting point/Melting range: -68 °C (-90 °F)

Boiling point/Boiling range: 185 °C (365 °F)

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

· **Explosion limits:**

Lower: 2.6 Vol %

Upper: 12.6 Vol %

· **Density at 20 °C (68 °F):** 1.04 g/cm³ (8.679 lbs/gal)

· **Solubility in / Miscibility with**

Water: Fully miscible.

· **Viscosity:**

Dynamic at 25 °C (77 °F): 46 mPas

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:**

57-55-6 propane-1,2-diol

Oral LD50 2000 mg/kg (rat)

Dermal LD50 20800 mg/kg (rabbit)

· **Carcinogenic categories:**

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

Substance is not listed.

· **NTP (National Toxicology Program)**

Substance is not listed.

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

Printing date 03/19/2016

Reviewed on 03/19/2016

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

Substance is not listed.

12 Ecological information

· **General notes:**

Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.

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.

· **Recommended cleansing agent:** Water, if necessary with cleansing agents.

14 Transport information

· **Transport hazard class(es)** None.

· **DOT, ADR, IMDG, IATA**

· **Class** Void

· **Packing group** None.

· **DOT, ADR, IMDG, IATA** Void

· **UN "Model Regulation":** Void

15 Regulatory information

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

No health labeling required, in accordance with the US Labeling of Hazardous Art Materials Act (P.L. 100-695) / Federal Hazardous Substances Act.

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

Substance is listed.

16 Other information

- This product is qualified to bear the AP (approved product) Seal of the Art & Creative Materials Institute, Inc. This means that it is 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** 03/19/2016 / -

· **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

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

LC50: Lethal concentration, 50 percent

LD50: Lethal dose, 50 percent

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US

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1910.1200*

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OSHA: Occupational Safety & Health

TLV: Threshold Limit Value

PEL: Permissible Exposure Limit

REL: Recommended Exposure Limit

US