

Safety Data Sheet
According to 1907/2006/EC, Article 31

Revision: 07-Sep-2012

1. Identification of the material and the company

1.1 Identification of the material

Propylene glycol (glycol)

1.2 Use of the material

For mixing glass paint

1.3 Supplier

PELI Glass Products, B.V.

Loodstraat 26

2718 RW Zoetermeer

Netherlands

Tel: +31(0)79 361 8154 / +31(0)628 755 901

(M-F, 9:00 – 16:00)

Fax: +31(0)79 361 8493

email: mail@peliglass.eu

Manufacturer:

Interchema CV

De Hagen 12

8325 DB Vollenhove, NL

Tel: +31(0) 527 242 208

1.4 Emergency telephone

Emergency: 112

2. Hazard identification



Warning

Gevarenaanduidingscode (H-code): H319

Causes serious eye irritation.

Preventieve code (P-code): P305 + P351 + P338

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

Other dangers: none

3. Composition / information on ingredients

Synonyms: Propylene glycol
1,2-Propanediol

Formula: C₃H₈O₂

Molecular weight: 76.09 g/mol

CAS# 57-55-6
EG# 200-338-0

4. First aid measures

Inhalation: If inhaled, remove victim to fresh air. If not breathing, give artificial respiration.
Skin contact: Wash off with soap and plenty of water.
Eye Contact: Flush eyes with water as a precaution.
Ingestion: Never give an unconscious person to drink (or eat). Rinse mouth with water.

5. Fire fighting measures

Suitable extinguishing media: Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.
Special protective equipment for firefighters: Wear self-contained breathing apparatus if necessary for fire fighting.

6. Accidental release measures

Personal precautions: Avoid inhalation of vapors / mist / gas.
Environmental precautions: Do not allow product to enter drains.
Containment and cleaning methods and materials: Keep in suitable, closed containers for disposal.

7. Handling and storage

Precautions for safe handling of the substance or mixture: Normal measures for preventive fire protection.
Conditions for safe storage: Store in a cool place. Keep container tightly closed in a dry and well-ventilated place.
Hygroscopic.

8. Exposure controls / personal protection

The product contains no substances with occupational exposure limit values.

Personal protective equipment

Respiratory Protection: Respiratory protection not required. For nuisance exposures use type OV / AG (US) or ABEK (EU EN 14387) gas masks.

Use respirators tested and approved by official government agencies such as NIOSH (US) or CEN (EU).

Hand protection: For prolonged or repeated contact use protective gloves.

Eye protection: Safety glasses.

Hygiene measures: General industrial hygiene practice.

9. Physical and chemical properties

General information

Form: liquid, viscous

Color: clear

Odor: no

Important health, safety and environmental information

Boiling point: 187°C - lit

Flame point: 103°C – closed beaker

Flash point: 415°C

Lower explosion limit: 2.6% (V)

Upper explosion limit: 12.5% (V)

Vapor pressure: 0.11 hPa at 20°C

Specific gravity (H₂O = 1): 1.036 g/cm³ at 25°C

Water solubility: no info available

pH: no info available

Relative vapor density (air = 1): 2.63

10. Stability and reactivity

Chemical stability: Stable under recommended storage conditions.

Conditions to avoid: No data available.

Materials to avoid: acid chlorides, acid anhydrides, oxidizing agents, chlorine compounds, reducing agents

Hazardous decomposition products: In case of fire hazardous decomposition products formed. - carbon
In case of fire, hazardous decomposition products formed. - Nature of decomposition products not known.

11. Toxicological information

Acute toxicity

LD50 Oral - rat - 20,000 mg/kg

LD50 Dermal - rabbit - 20,800 mg/kg

Skin corrosion / irritation

Skin - Human - slight skin irritation - 7 d

Serious eye damage / eye irritation

Eyes - rabbit - mild eye irritation

Sensitization respiratory / skin: No data available

Germ cell mutagenicity: No data available

Carcinogenicity

IARC: No component of this product present in a concentration of more than or equal to 0.1% is identified as a probable, possible or confirmed human carcinogen by IARC.

Reproductive Toxicity: No data available

Specific target organ toxicity - single exposure: No data available

Specific target organ toxicity - repeated exposure: No data available

Aspiration hazard: No data available

Potential health effects

Inhalation: May be harmful if inhaled. May cause respiratory tract irritation.

Ingestion: May be harmful if swallowed.

Skin: May be harmful if absorbed through the skin. May cause skin irritation.

Eyes: May cause eye irritation.

Signs and Symptoms of Exposure: Gastrointestinal disturbance, nausea, headache, vomiting, weakness of the central nervous system

Additional information: RTECS: TY2000000

12. Ecological information

Toxicity

Toxicity to fish: mortality NOEC - Pimephales promelas (fathead minnow) - 52,930 mg/l - 96 h

Toxicity to daphnia and other aquatic invertebrates: mortality NOEC - Daphnia - 13,020 mg/l - 48 h

EC50 - Daphnia magna (water flea) -> 10,000 mg/l - 48 h

Persistence and degradability: No data available

Bioaccumulation: No data available

Mobility in soil: No data available

PBT and vPvB assessment: no data available

Other adverse effects: no data available

13. Instructions for disposal

Product: All federal, provincial and municipal environmental regulations must be observed.

Contaminated packaging: Dispose of as unused product.

14. Transport information

ADR/RID: Not dangerous goods.

IMDG: Not dangerous goods.

IATA: Not dangerous goods.

15. Regulatory information

This material safety data sheet complies with the requirements of Regulation (EC) No. 1907/2006.

16. Other information

The information presented here is based on current available data. It describes the product with regard to the appropriate safety precautions. It does not guarantee the properties of the product. The information is believed to be correct, but is only meant to serve as a guideline. The supplier shall not be held liable for any use of the substance.