



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

Revision: 5 July-2010

1. Identification of the material and the company

1.1 Identification of the material

Red Brown (56R013)

1.2 Use of the material

Glass paint

1.3 Importing company

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:

Reusche & Co.

1299 H Street

Greeley, Colorado 80631

USA

Tel: +1970 346 8577

Fax: +1970 346 8575

email: info@reuscheco.com

1.4 Emergency telephone

Emergency: 112

2. Hazard identification



Xi Irritant

Risk phrases:

R 36: Irritating to eyes.

The classification is according to the latest editions of the EU-lists, and extended by company and literature data.

3. Composition / information on ingredients

Component:

Name	Weight, %
Bismuth (as Bi)	63 – 73
Borates (as Bo)	0 – 6
Insol. Chromium compounds (as Cr)	0 – 9
Iron compounds (as Fe)	0 – 5
Silica, quartz (free, as Si)	0 – 6
Zinc compounds (as Zn)	0 – 7
Zirconium compounds (as Zr)	0 – 7

Other components:

Frit (CAS# 65997-18-4)

C.I. Pigment Brown (CAS# 68186-88-9)

4. First aid measures

General: Harmful if inhaled or swallowed. Repeated and prolonged inhalation may cause delayed injury.

Inhalation: Remove to fresh air.

Skin: Wash with mild soap and water. If skin remains irritated, call a physician.

Eyes: Flush eyes with water for at least 15 minutes. Call a physician.

Ingestion: Wash out mouth and a glass of water drinken. Call a physician.

Wash contaminated clothing prior to reuse.

5. Fire fighting measures

No special firefighting procedures required. Material will not burn, however, use water to cool metal containers. Toxic fumes may be evolved during a fire.

6. Accidental release measures

Use appropriate protective equipment during clean up. Vacuum, with an H.E.P.A. filter-equipped vacuum, or use wet clean-up techniques and place recovered product in a closable container.

7. Handling and storage

Handling

Use adequate localized ventilation for all handling operations. Use respirators equipped with dust, fume, and mist H.E.P.A. filter cartridges during all handling operations. Rubber gloves recommended. Protect eyes from dust particles, use safety glasses or goggles. Take necessary steps to avoid the contamination of footwear worn away from the work place. Keep away from food and food products. Wash hands after use.

Storage

Product has unlimited shelf life. Store in closed containers. Empty containers should not be reused except for similar product and should be disposed of in accordance with regulations. No special requirements for storerooms. For manufacturing use only.

8. Exposure controls / personal protection

Use adequate localized ventilation for all handling operations. Use respirators equipped with dust, fume, and mist H.E.P.A. filter cartridges during all handling operations. Rubber gloves recommended. Protect eyes from dust particles, use safety glasses or goggles. Take necessary steps to avoid the contamination of footwear worn away from the work place. Keep away from food and food products. Wash hands after use.

9. Physical and chemical properties

General information

Form: powder
Color: red brown
Odor: odorless

Important health, safety and environmental information

Boiling point: not applicable
Flame point: not applicable
Lower explosion limit: not applicable
Upper explosion limit: not applicable
Specific gravity (H₂O = 1): approx. 3.5
Water solubility: insoluble
pH: not applicable
Viscosity: not applicable
Vapor pressure (mm Hg): not applicable
Vapor density (air = 1): not applicable
Percent volatile by volume (%): 0
Evaporation rate (BuAc = 1): not applicable

Other information

Melting point: approx. 630°C

10. Stability and reactivity

Stable. Hazardous polymerization will not occur.

Conditions to avoid – not applicable

Materials to avoid – not applicable

Hazardous decomposition products – not applicable

11. Toxicological information

Acute effects:

Irritant effect on the skin: no irritant effect known.

Irritant effect on the eye: no irritant effect known.

Sensitization: No sensitizing effects known.

Silica, crystalline (particles of respirable size), if listed as a component, are known to the State of California to cause cancer.

12. Ecological information

General information: In general, no danger for water.

Aquatic toxicity: Quantitative data over the environmental effect of this product are not available.

Remark: Do not release to drinking water sources, sewage water, or soils.

13. Instructions for disposal

Dispose of in accordance with regulations.

14. Transport information

Harmonized system code: 320710 (Prepared Pigments, Prepared Opacifiers, Prepared Colors, Similar Preparations)

Not subject to transport regulations.

15. Regulatory information



Xi Irritant

Risk phrases:

R 36: Irritating to eyes.

Safety phrases:

S 26: In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

The classification is according to the latest editions of the EU-lists, and extended by company and literature data.

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.

Risk phrases:

R 36: Irritating to eyes.