



PELI GLASS PRODUCTS B.V.

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

Revision: 11-Apr-2009

**1. Identification of the material and the company**

**1.1 Identification of the material**

Umber Brown 1139 (56R001)

**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

#### Components:

Name	Weight, %
Alumina (as Al)	0 – 5
Bismuth (as Bi)	67 – 77
Borates (as Bo)	0 – 6
Insol. Chromium compounds (as Cr)	0 – 6
Iron compounds (as Fe)	0 – 6
Manganese compounds (as Mn)	0 – 6
Insol. Nickel compounds (as Ni)	0 – 5
Antimony compounds (as Sb)	0 – 6
Silica, quartz (free, as Si)	0 – 7
Titanium (as Ti)	0 – 5
Zinc compounds (as Zn)	0 – 8
Zirconium compounds (as Zr)	0 – 9
Frit (CAS# 65997-18-4)	
C.I. Pigment Brown 33 (CAS# 68186-88-9)	
C.I. Pigment Brown 24 (CAS# 68186-90-3)	
C.I. Pigment Yellow 160 (CAS# 68187-01-9)	
C.I. Pigment Yellow 53 (CAS# 8007-18-9)	

### 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: 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 (H<sub>2</sub>O = 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.