

**1. Product and Company Identification**

**Product Code:** 09992  
**Product Name:** Reflection 16 Floor Finish  
**Company Name:** Genlabs **Phone Number:**  
 5568 Schaefer Ave. 1 (909)591-8451  
 Chino, CA 91710  
**Web site address:** www.genlabscorp.com  
**Emergency Contact:** Chemtrec 1 (800)424-9300  
**Recommended Use:** Floor Finish  
**Intended Use:** For sale to, use and storage by service persons only.

**2. Hazards Identification**

**Serious Eye Damage/Eye Irritation, Category 2A**  
**Aquatic Toxicity (Chronic), Category 3**  
**Acute Toxicity: Oral, Category 5**  
**Skin Corrosion/Irritation, Category 3**  
**Acute Toxicity: Inhalation, Category 5**  
**Target Organ Systemic Toxicity (single exposure), Category 3**  
**Aquatic Toxicity (Acute), Category 2**



**GHS Signal Word:** **Warning**  
**GHS Hazard Phrases:** Causes serious eye irritation.  
 Harmful to aquatic life with long lasting effects.  
 May be harmful if swallowed.  
 Causes mild skin irritation.  
 May be harmful if inhaled.  
 May cause respiratory irritation.  
 Toxic to aquatic life.  
**GHS Precaution Phrases:** Wash hands thoroughly after handling.  
 Keep out of reach of children.  
 Wear protective gloves, protective clothing, eye protection, face protection.  
 Avoid release to the environment.  
 Avoid breathing fumes and spray mist.  
 Use only outdoors or in a well-ventilated area.  
**GHS Response Phrases:** If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
 If eye irritation persists, get medical attention immediately.  
 If skin irritation occurs, get medical attention immediately.  
 If inhaled: Remove victim to fresh air and keep at rest in a position comfortable for breathing.  
**GHS Storage and Disposal Phrases:** Dispose of contents and container according to the local, city, state and federal regulations.  
 Store in cool dry place at room temperature away from direct sunlight.



# SAFETY DATA SHEET

## Reflection 16 Floor Finish

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Revision: 03/23/2015

Supersedes Revision: 05/14/2014

### Potential Health Effects (Acute and Chronic):

Effects may be delayed.

#### Inhalation:

High vapor concentrations may cause drowsiness. May cause respiratory tract irritation. Low hazard for normal industrial handling. May cause kidney damage. Material has a very low vapor pressure at room temperature, so inhalation exposures are not expected unless material is heated or misted. The toxicological properties of this substance have not been fully investigated. Effects may be delayed. Inhalation of fumes may cause metal fume fever, which is characterized by flu-like symptoms with metallic taste, fever, chills, cough, weakness, chest pain, muscle pain and increased white blood cell count. Can produce delayed pulmonary edema. Zinc oxide dust is considered to be of low toxicity and is classified as a nuisance particulate by the ACGIH. However, inhalation fumes or very fine dust may cause "zinc fume fever", which is characterized by flu-like symptoms with metallic taste, coughing, weakness, fatigue, muscular pain, and nausea, followed by fever and chills. Onset of symptoms occurs about 4-12 hours after.

#### Skin Contact:

Continued absorption may cause kidney damage. A single prolonged skin exposure is not likely to result in the material being absorbed in harmful amounts. Prolonged or widespread skin contact may result in the material being absorbed in harmful amounts. Causes skin irritation.

May be harmful by inhalation, ingestion, or skin absorption. Vapor or mist is irritating to the eyes, mucous membranes, and upper respiratory tract. Prolonged and/or repeated contact may cause irritation and/or dermatitis.

#### Eye Contact:

Causes eye irritation. Dust may cause mechanical irritation.

#### Ingestion:

May cause gastrointestinal irritation with nausea, vomiting and diarrhea. May cause kidney damage. May cause central nervous system depression. May cause irritation of the digestive tract. The toxicological properties of this substance have not been fully investigated. Moderately toxic to humans by ingestion.

### 3. Composition/Information on Ingredients

CAS #	Hazardous Components (Chemical Name)	Concentration
25987-66-0	Acrylic acid polymer	Proprietary
111-90-0	Diethylene glycol monoethyl ether	Proprietary
25265-77-4	Texanol	Proprietary
78-51-3	Ethanol, 2-Butoxy-, phosphate (3:1)	Proprietary
1314-13-2	Zinc oxide	Proprietary

**4. First Aid Measures**

**Emergency and First Aid**

**Procedures:**

- In Case of Inhalation:** If inhaled, remove to fresh air. If breathing is difficult, give oxygen. Get medical aid. Remove from exposure and move to fresh air immediately.
- In Case of Skin Contact:** Remove contaminated clothing and shoes. Get medical aid if irritation develops and persists. Wash clothing before reuse. Flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes.
- In Case of Eye Contact:** Get medical aid immediately. In case of contact, immediately flush eyes with copious amounts of water for at least 15 minutes.
- In Case of Ingestion:** Never give anything by mouth to an unconscious person. If victim is conscious and alert, give 2-4 cupfuls of milk or water. If swallowed, wash out mouth with water provided person is conscious. Call a physician. If conscious and alert, rinse mouth and drink 2-4 cupfuls of milk or water.

**Signs and Symptoms Of Exposure:** To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.

**Note to Physician:** Treat symptomatically and supportively.

**5. Fire Fighting Measures**

- Flash Pt:** NE
- Explosive Limits:** LEL: No data. UEL: No data.
- Autoignition Pt:** NE

**Suitable Extinguishing Media:** Use water spray, alcohol foam, CO2, dry chemical.

**Fire Fighting Instructions:** As in any fire, wear a self-contained breathing apparatus in pressure-demand, MSHA/NIOSH (approved or equivalent), and full protective gear.

**Flammable Properties and Hazards:** No data available.

**6. Accidental Release Measures**

- Steps To Be Taken In Case Material Is Released Or Spilled:** Use proper personal protective equipment as indicated in Section 8. Spills/Leaks: Absorb spill with inert material (e.g. vermiculite, sand or earth), then place in suitable container. Provide ventilation. Prevent runoff from entering drains, sewers, or streams.

**7. Handling and Storage**

**Precautions To Be Taken in Handling:** Avoid contact with eyes, skin, and clothing. Avoid ingestion and inhalation. Avoid breathing dust, mist, or vapor.

**Precautions To Be Taken in Storing:** Store in a cool, dry, well-ventilated area away from incompatible substances.

**8. Exposure Controls/Personal Protection**

CAS #	Partial Chemical Name	OSHA TWA	ACGIH TWA	Other Limits
25987-66-0	Acrylic acid polymer	No data.	No data.	No data.
111-90-0	Diethylene glycol monoethyl ether	No data.	No data.	No data.
25265-77-4	Texanol	No data.	No data.	No data.
78-51-3	Ethanol, 2-Butoxy-, phosphate (3:1)	No data.	No data.	No data.



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1314-13-2 Zinc oxide

PEL: 5 (fume); 15 (dust)  
mg/m3TLV: 2 mg/m3 (R)  
STEL: 10 mg/m3 (R)

No data.

<b>Respiratory Equipment (Specify Type):</b>	Always use a NIOSH approved respirator when necessary.
<b>Eye Protection:</b>	Safety glasses.
<b>Protective Gloves:</b>	Wear appropriate protective gloves to prevent skin exposure.
<b>Other Protective Clothing:</b>	Wear appropriate protective clothing to prevent skin exposure.
<b>Engineering Controls (Ventilation etc.):</b>	Use adequate ventilation to keep airborne concentrations low.
<b>Work/Hygienic/Maintenance Practices:</b>	Wash thoroughly after handling. Wash contaminated clothing before reuse.

### 9. Physical and Chemical Properties

<b>Physical States:</b>	[ ] Gas [ X ] Liquid [ ] Solid
<b>Appearance and Odor:</b>	Opaque white liquid with bland odor.
<b>Melting Point:</b>	No data.
<b>Boiling Point:</b>	> 212.00 F
<b>Autoignition Pt:</b>	NE
<b>Flash Pt:</b>	NE
<b>Explosive Limits:</b>	LEL: No data. UEL: No data.
<b>Specific Gravity (Water = 1):</b>	1.030
<b>Density:</b>	8.59 lbs/gal
<b>Vapor Pressure (vs. Air or mm Hg):</b>	NE
<b>Vapor Density (vs. Air = 1):</b>	NE
<b>Evaporation Rate:</b>	NE
<b>Solubility in Water:</b>	100%
<b>Saturated Vapor Concentration:</b>	NE
<b>Viscosity:</b>	NP
<b>pH:</b>	7.5 - 9.0
<b>Percent Volatile:</b>	No data.
<b>VOC / Volume:</b>	0.0000 G/L

### 10. Stability and Reactivity

<b>Stability:</b>	Unstable [ ] Stable [ X ]
<b>Conditions To Avoid - Instability:</b>	Extremes of temperature and direct sunlight. Strong acids, Strong oxidizing agents.
<b>Incompatibility - Materials To Avoid:</b>	Cationic materials, strong oxidizers, strong acidic materials.
<b>Hazardous Decomposition Or Byproducts:</b>	Carbon monoxide, Carbon dioxide, Thermal decomposition may produce toxic fumes of phosphorus oxides and/or phosphine. toxic fumes of zinc oxide.
<b>Possibility of Hazardous Reactions:</b>	Will occur [ ] Will not occur [ X ]
<b>Conditions To Avoid - Hazardous Reactions:</b>	None.

**11. Toxicological Information**

**Toxicological Information:** No data available.

**Carcinogenicity/Other Information:** CAS# 111-90-0: Not listed by ACGIH, IARC, NTP, or CA Prop 65. CAS# 25265-77-4: Not listed by ACGIH, IARC, NTP, or CA Prop 65. CAS# 1314-13-2: Not listed by ACGIH, IARC, NTP, or CA Prop 65.

CAS #	Hazardous Components (Chemical Name)	NTP	IARC	ACGIH	OSHA
25987-66-0	Acrylic acid polymer	n.a.	n.a.	n.a.	n.a.
111-90-0	Diethylene glycol monoethyl ether	n.a.	n.a.	n.a.	n.a.
25265-77-4	Texanol	n.a.	n.a.	n.a.	n.a.
78-51-3	Ethanol, 2-Butoxy-, phosphate (3:1)	n.a.	n.a.	n.a.	n.a.
1314-13-2	Zinc oxide	n.a.	n.a.	n.a.	n.a.

**12. Ecological Information**

No data available.

**13. Disposal Considerations**

**Waste Disposal Method:** Dispose of contents and container according to the local, city, state and federal regulations.

**14. Transport Information**

**LAND TRANSPORT (US DOT):**

**DOT Proper Shipping Name:** Not Regulated.

**DOT Hazard Class:**

**UN/NA Number:**

**LAND TRANSPORT (Canadian TDG):**

**TDG Shipping Name:** Not Regulated.

**AIR TRANSPORT (ICAO/IATA):**

**ICAO/IATA Shipping Name:** Non-Hazardous for Air Transport: Non-hazardous for air transport.

**15. Regulatory Information**

**EPA SARA (Superfund Amendments and Reauthorization Act of 1986) Lists**

CAS #	Hazardous Components (Chemical Name)	S. 302 (EHS)	S. 304 RQ	S. 313 (TRI)
25987-66-0	Acrylic acid polymer	No	No	No
111-90-0	Diethylene glycol monoethyl ether	No	No	Yes-Cat. N230
25265-77-4	Texanol	No	No	No
78-51-3	Ethanol, 2-Butoxy-, phosphate (3:1)	No	No	Yes-Cat. N230
1314-13-2	Zinc oxide	No	No	Yes-Cat. N982

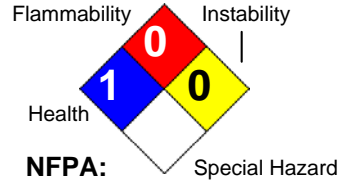
CAS #	Hazardous Components (Chemical Name)	Other US EPA or State Lists
25987-66-0	Acrylic acid polymer	CA PROP.65: No; CA TAC, Title 8: No
111-90-0	Diethylene glycol monoethyl ether	CA PROP.65: No; CA TAC, Title 8: TAC
25265-77-4	Texanol	CA PROP.65: No; CA TAC, Title 8: No
78-51-3	Ethanol, 2-Butoxy-, phosphate (3:1)	CA PROP.65: No; CA TAC, Title 8: TAC
1314-13-2	Zinc oxide	CA PROP.65: No; CA TAC, Title 8: TAC, Title 8

**16. Other Information**

**Hazard Rating System:**

HEALTH	1
FLAMMABILITY	0
PHYSICAL	0
PPE	B

**HMIS:**



**Revision Date:**

03/23/2015

**Additional Information About This Product:** No data available.

**Company Policy or Disclaimer:**

The manufacturer believes the data set forth are accurate and makes no warranty with respects thereto and disclaims all liability for reliance thereon. Such data are offered solely for consideration, investigation and verification. Also, the data set forth is for the concentrated finished product. All lab samples are for experimental purposes only and used at the customers discretion.