



## SAFETY DATA SHEET (SDS)

### 1. PRODUCT AND COMPANY IDENTIFICATION

#### PROUDCT IDENTIFICATION:

**Product Name:** CERAMIC COAT NEUTRAL BASE  
**Product Number:** 1418  
**Product Use:** Water-thinned Paint

#### MANUFACTURER:

O'Leary Paint Company  
415 Baker Street  
Lansing, Michigan 48910  
www.olearypaint.com  
**Manufacturer's Phone:** (517) 482-0473  
**Emergency (24-hour) Phone:** (800) 424-9300

**Date of preparation:** April 20, 2016

### 2. HAZARDS IDENTIFICATION

**Primary Routes of Exposure:** Eye contact, Skin contact, Inhalation, Ingestion

#### Potential Acute Exposure Effects:

**Eyes:** May cause slight irritation  
**Skin:** May cause mild irritation  
**Inhalation:** May cause irritation of respiratory tract  
**Ingestion:** May be harmful if swallowed

#### Overexposure signs/symptoms:

**Eyes:** Watering, redness or irritation  
**Skin:** Irritation, dryness  
**Inhalation:** Respiratory tract irritation, coughing  
**Ingestion:** No specific data

### 3. COMPOSITION / INFORMATION ON INGREDIENTS

<u>REPORTABLE COMPONENTS</u>	<u>CAS NUMBER</u>	<u>% by WEIGHT</u>
Ethylene Glycol	107-21-1	0-2
Ceramic Microsphere	66402-68-4	15-20
Silica Gel	7631-86-9	0-5

### 4. FIRST AID MEASURES

**Eyes:** Flush eyes with large amounts of water for 15 minutes. Get medical attention.

**Skin:** Remove contaminated clothing. Wash thoroughly with soap and water.

**Inhalation:** Move to fresh air. Seek medical attention if symptoms continue.

**Ingestion:** Do not induce vomiting. Get medical attention immediately.

### 5. FIRE FIGHTING MEASURES

**Flammable Properties:** This product is not flammable

**Extinguishing Media:** Use foam, carbon dioxide, dry powder, water fog, or an extinguishing agent appropriate for the surrounding fire.

**Unusual Fire and Explosion Hazards:** Closed containers may rupture or explode when exposed to extreme heat (due to build-up of pressure). Closed containers may explode when exposed to extreme heat. During emergency conditions, overexposure to decomposition products may cause a health hazard. Symptoms may not be immediately apparent. Obtain medical attention.

**Protective Equipment:** Firefighters should wear self-contained breathing apparatus and full protective gear.

### 6. ACCIDENTAL RELEASE MEASURES

Ensure adequate ventilation. Avoid contact with skin, eyes and clothing. Prevent further leakage or spillage. Soak up with inert absorbent material and transfer to a suitable container for proper disposal.

### 7. HANDLING AND STORAGE

**Handling:** Avoid contact with eyes, skin and clothing. Avoid breathing vapors, spray mists or sanding dust. Provide adequate ventilation. Wear appropriate respiratory equipment if ventilation is inadequate. Wash thoroughly after handling.

**Storage:** Keep container closed when not in use. Transfer only to properly labeled containers. Keep out of reach of children.

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

	<b>OSHA TWA</b>	<b>ACGIH TWA</b>	<b>OSHA STEL</b>
Ethylene Glycol	50 ppm	100 mg/m <sup>3</sup>	not established
Ceramic Microsphere (d)	10 mg/m <sup>3</sup>	10 mg/m <sup>3</sup>	not established
Silica Gel (d)	3 mg/m <sup>3</sup>	10mg/m <sup>3</sup>	not established

(d): Hazardous as dust when product is sanded

**Engineering Measures:** Use only in well ventilated areas. Ensure adequate ventilation, especially in confined areas.

**Personal Protective Equipment:**

**Eye / Face Protection:** Wear safety glasses or goggles.

**Skin Protection:** Protective gloves and impervious clothing.

**Respiratory Protection:** If exposure cannot be controlled below acceptable limits by ventilation, use an appropriate NIOSH approved respirator such as an air purifying respirator with organic vapor cartridge and dust/mist filter. Consult the respirator manufacturer's literature to ensure that the respirator will provide adequate protection. Read and follow all manufacturers' instructions.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>Physical state:</b>	Liquid
<b>Color:</b>	Various
<b>Odor:</b>	Little or no odor
<b>Vapor pressure:</b>	Not available
<b>Odor threshold:</b>	Not available
<b>Vapor density:</b>	Not available
<b>pH:</b>	8 to 10
<b>Density:</b>	10.00 (lbs / gal)
<b>Viscosity:</b>	106-109 KU
<b>Melting/freezing point:</b>	Not available
<b>Solubility (water):</b>	Not available
<b>Boiling point / range:</b>	Not available
<b>Flash point:</b>	Not available
<b>Evaporation rate:</b>	< 1 (butyl acetate = 1.0)
<b>Upper flammability limit:</b>	Not available
<b>Lower flammability limit:</b>	Not available
<b>Auto-ignition temperature:</b>	Not available
<b>Decomposition temperature:</b>	Not available

## 10. STABILITY AND REACTIVITY

**Stability:** Stable under normal conditions.  
**Conditions to avoid:** None known.  
**Materials to avoid:** Strong oxidizing agents and strong acids.  
**Hazardous Decomposition Products:** None under normal use.  
**Hazardous Polymerization:** None under normal conditions.

## 11. TOXICOLOGICAL INFORMATION

### Information on toxicological effects

#### Acute Toxicity

Product/ingredient name	Result	Species	Dose	Exposure
Ethylene Glycol	LD50 Oral	Rat	4700 mg/kg	-

#### Irritation/Corrosion

Product/ingredient name	Result	Species	Score	Exposure	Observation
Ethylene Glycol	Eyes – Mild irritant	Rabbit	-	24 hours 500 milligrams	-
	Eyes – Mild irritant	Rabbit	-	1 hour 100 milligrams	-
	Eyes – Mild irritant	Rabbit	-	6 hours 1440 milligrams	-
	Skin – Mild irritant	Rabbit	-	555 milligrams	-

#### Specific target organ toxicity (repeated exposure)

Name	Category	Route of exposure	Target organs
Ethylene Glycol	Category 2	Not determined	Not determined

## 12. ECOLOGICAL INFORMATION

### Toxicity

Product / ingredient name	Result	Species	Exposure
Ethylene Glycol	Acute LC50 6900000 µg/l Fresh water	Crustaceans - Ceriodaphnia dubia - Neonate	48 hours
	Acute LC50 41000000 µg/l Fresh water	Daphnia - Daphnia magna - Neonate	48 hours
	Acute LC50 8050000 µg/l Fresh water	Fish - Pimephales promelas	96 hours

### 13. DISPOSAL CONSIDERATIONS

**Disposal Instructions:** Do not allow material to drain into sewers/water supplies. Dispose of in accordance with all federal, state and local regulations. Consider recycling.

### 14. TRANSPORT INFORMATION CONSIDERATIONS

Not regulated

### 15. REGULATORY INFORMATION

**California Prop. 65**

WARNING: This product contains chemicals known to the State of California to cause cancer and birth defects or other reproductive harm.

### 16. OTHER INFORMATION

**Hazardous Material Identification System (USA)**

<b>Health:</b>	<b>1</b>
<b>Flammability:</b>	<b>0</b>
<b>Physical Hazard:</b>	<b>0</b>

**Prepared by:** O'Leary Paint Technical & Compliance Department

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