



**Vintage Ceramic  
Matte**  
LOW ODOR  
STAIN RESISTANT  
**BN140 LINE**

Type	Sheen	Spread Rate	Recommended Application	Thinner	Clean Up	DRY TIME		
						Tack Free	Re-coat	Cure
100% Acrylic	Matte	350 to 400 Sq Ft Per Gallon	Brush, Roller, Pad or Airless Spray	Clean Water	Warm Soapy Water	30 Minutes	4 Hours	30 Days
<b>PRODUCT NAME:</b> Vintage Ceramic Matte		Vintage Ceramic Matte is a premium quality interior, 100% acrylic, and low odor, matte wall paint, formulated with ceramic micro-spheres to impart excellent stain resistance properties. Finger prints, soil, grease, and many other stains wash off with mild soap and water without harming the film.						
<b>WHERE TO USE:</b>		Drywall Plaster Wood Metal Masonry	This matte latex wall paint is a very low odor, low VOC product, making it perfect for homes, hospitals, schools, or any area where odor is a concern. It allows the use of a matte finish in high use areas, with maximum durability.					
<b>Surface Preparation:</b>		<p><b>New Work:</b> The surface to be coated must be clean and free of oil, grease, rust and other contaminants that could interfere with adhesion. Masonry surfaces should be fully cured.</p> <p><b>Priming:</b> Surfaces must be clean, dry and dull. Remove rust and any loose or flaking paint. Vintage Ceramic is self-priming on drywall and cured plaster or masonry surfaces; prime bare wood or metal. If you need to coat metal, bleeding wood or over stains ask one of our Paint Professionals to recommend the appropriate primer.</p> <p><b>Repaint Work:</b> Remove any oil, chalk, dirt, wax or dust prior to re-coating. Any loose or flaking paint should be removed, patched and the edges feather sanded to produce a smooth, uniform surface. Dull glossy surfaces to insure good adhesion. On previously painted surfaces in good repair, no priming is generally necessary. Spot prime bare areas with this product or the primer indicated above.</p>						
<b>Application:</b>		<p>Stir product with a circular, lifting motion to disperse into a homogenous liquid. To achieve proper results a quality 3/8" nap roller cover is required when using product containing ceramic microspheres.</p> <p>Brush – Nylon or polyester filament.</p> <p>Airless Spray – Tip at atomization pressures will vary with type of equipment, viscosity and temperature. An orifice of .015 - .019 will provide the most satisfactory spray pattern.</p> <p>Best results are more likely obtained by using quality application tools. Do not apply directly over chalky surfaces or bleeding stains.</p>						
<b>NOTE: Formulated without mercury or lead.</b>								

<b>Resin:</b>	100% Acrylic
<b>Solids:</b>	Volume – 37.5
<b>Weight Per Gallon:</b>	10.85 lbs.
<b>Viscosity:</b>	100 – 103 (Krebs Units)
<b>Specular Gloss:</b>	3 – 5% @ 85 degrees
<b>Recommended Film Thickness:</b>	Wet – 4.0 to 4.6 mils Dry – 1.5 to 1.7 mils
<b>VOC – VOS Statement:</b>	This product contains less than 50 grams per liter.
<b>Cautions:</b>	<p><b>CAUTION!</b> Do not take internally. Close container after each use.</p> <p><b>KEEP OUT OF REACH OF CHILDREN. KEEP FROM FREEZING.</b></p>

05/11/18

MANUFACTURED FOR:



Fells Point - Timonium

Budekes.com



**Vintage Ceramic  
Satin**  
LOW ODOR  
STAIN RESISTANT  
**BN142 LINE**

Type	Sheen	Spread Rate	Recommended Application	Thinner	Clean Up	DRY TIME		
						Tack Free	Re-coat	Cure
100% Acrylic	Satin	350 to 400 Sq Ft Per Gallon	Brush, Roller, Pad or Airless Spray	Clean Water	Warm Soapy Water	30 Minutes	4 Hours	30 Days
<b>PRODUCT NAME: Vintage Ceramic Satin</b>		Vintage Ceramic Satin is a 100% acrylic interior/exterior finish formulated with ceramic spheres to impart toughness and excellent stain resistance properties. The product is suitable for coating drywall, plaster, and masonry and primed wood or metal surfaces. The acrylic resin provides excellent color and gloss retention as well as tenacious adhesion properties. The ceramic spheres impart flow, leveling and stain removal characteristics.						
<b>WHERE TO USE:</b>		Drywall Plaster Wood Metal Masonry This acrylic satin wall and trim paint is a very low odor, low VOC product, making it perfect for homes, hospitals, schools, or any area where odor is a concern. It provides a tough satin finish for use in high abuse areas						
<b>Surface Preparation:</b>		<p><b>New Work:</b> The surface to be coated must be clean and free of oil, grease, rust and other contaminants that could interfere with adhesion. Masonry surfaces should be fully cured.</p> <p><b>Priming:</b> Surfaces must be clean, dry and dull. Remove rust and any loose or flaking paint. Vintage Ceramic is self-priming on drywall and cured plaster or masonry surfaces; prime bare wood or metal. If you need to coat metal, bleeding wood or over stains ask one of our Paint Professional to recommend the appropriate primer.</p> <p><b>Repaint Work:</b> Remove any oil, chalk, dirt, wax or dust prior to re-coating. Any loose or flaking paint should be removed, patched and the edges feather sanded to produce a smooth, uniform surface. Dull glossy surfaces to insure good adhesion. On previously painted surfaces in good repair, no priming is generally necessary. Spot prime bare areas with this product or the primer indicated above.</p>						
<b>Application:</b>		Stir product with a circular, lifting motion to disperse into a homogenous liquid. To achieve proper results a quality 3/8" nap roller cover is required when using product containing ceramic microspheres. Brush – Nylon or polyester filament. Airless Spray – Tip at atomization pressures will vary with type of equipment, viscosity and temperature. An orifice of .011 - .017 will provide the most satisfactory spray pattern. Best results are more likely obtained by using quality application tools. Do not apply directly over chalky surfaces or bleeding stains.						
<b>NOTE: Formulated without mercury or lead.</b>								

<b>Resin:</b>	100% Acrylic
<b>Solids:</b>	Volume – 40.0
<b>Weight Per Gallon:</b>	10.82 lbs.
<b>Viscosity:</b>	100 – 104 (Krebs Units)
<b>Specular Gloss:</b>	22 – 28 @ 60 degrees
<b>Recommended Film Thickness:</b>	Wet – 4.0 to 4.6 mils Dry – 1.6 to 1.84 mils
<b>VOC – VOS Statement:</b>	This product contains less than 100 grams per liter.
<b>Cautions:</b>	<p><b>CAUTION!</b> Do not take internally. Close container after each use.</p> <p><b>KEEP OUT OF REACH OF CHILDREN. KEEP FROM FREEZING.</b></p>

05/11/18

MANUFACTURED FOR:



Fells Point - Timonium

Budekes.com



**Vintage Ceramic  
Semi-Gloss  
LOW ODOR  
STAIN RESISTANT  
BN143 LINE**

Type	Sheen	Spread Rate	Recommended Application	Thinner	Clean Up	DRY TIME		
						Tack Free	Re-coat	Cure
100% Acrylic	Semi-Gloss	350 to 400 Sq Ft Per Gallon	Brush, Roller, Pad or Airless Spray	Clean Water	Warm Soapy Water	30 Minutes	2 Hours	30 Days
<b>PRODUCT NAME:</b> Vintage Ceramic Semi-Gloss		Vintage Ceramic Semi-Gloss is a 100% acrylic interior/exterior finish formulated with ceramic spheres to impart toughness and excellent stain resistance properties. The product is suitable for coating drywall, plaster, and masonry and primed wood or metal surfaces. The acrylic resin provides excellent color and gloss retention as well as tenacious adhesion properties. The ceramic spheres impart flow, leveling and stain removal characteristics.						
<b>WHERE TO USE:</b>		Drywall Plaster Wood Metal Masonry <p>This acrylic satin wall and trim paint is a very low odor, low VOC product, making it perfect for homes, hospitals, schools, or any area where odor is a concern. It provides a tough satin finish for use in high abuse areas</p>						
<b>Surface Preparation:</b>		<p><b>New Work:</b> The surface to be coated must be clean and free of oil, grease, rust and other contaminants that could interfere with adhesion. Masonry surfaces should be fully cured.</p> <p><b>Priming:</b> Surfaces must be clean, dry and dull. Remove rust and any loose or flaking paint. Vintage Ceramic is self-priming on drywall and cured plaster or masonry surfaces; prime bare wood or metal. If you need to coat metal, bleeding wood or over stains ask one of our Paint Professional to recommend the appropriate primer.</p> <p><b>Repaint Work:</b> Remove any oil, chalk, dirt, wax or dust prior to re-coating. Any loose or flaking paint should be removed, patched and the edges feather sanded to produce a smooth, uniform surface. Dull glossy surfaces to insure good adhesion. On previously painted surfaces in good repair, no priming is generally necessary. Spot prime bare areas with this product or the primer indicated above.</p>						
<b>Application:</b>		<p>Stir product with a circular, lifting motion to disperse into a homogenous liquid. To achieve proper results a quality 3/8" nap roller cover is required when using product containing ceramic microspheres.</p> <p>Brush – Nylon or polyester filament.</p> <p>Airless Spray – Tip at atomization pressures will vary with type of equipment, viscosity and temperature. An orifice of .011 - .017 will provide the most satisfactory spray pattern.</p> <p>Best results are more likely obtained by using quality application tools. Do not apply directly over chalky surfaces or bleeding stains.</p>						
<b>NOTE: Formulated without mercury or lead.</b>								

<b>Resin:</b>	100% Acrylic
<b>Solids:</b>	Volume – 37.5
<b>Weight Per Gallon:</b>	10.65 lbs.
<b>Viscosity:</b>	92 – 97 (Krebs Units)
<b>Specular Gloss:</b>	34 – 40 @ 60 degrees
<b>Recommended Film Thickness:</b>	Wet – 4.0 to 4.6 mils Dry – 1.5 to 1.7 mils
<b>VOC – VOS Statement:</b>	This product contains less than 100 grams per liter.
<b>Cautions:</b>	<p><b>CAUTION!</b> Do not take internally. Close container after each use.</p> <p><b>KEEP OUT OF REACH OF CHILDREN. KEEP FROM FREEZING.</b></p>

05/11/18

MANUFACTURED FOR:



Fells Point - Timonium

Budekes.com



## SAFETY DATA SHEET (SDS)

### 1. PRODUCT AND COMPANY IDENTIFICATION

#### PROUDCT IDENTIFICATION:

**Product Name:** CERAMICWISE MATTE BASE 1 / BUDEKE'S VINTAGE 150 CERAMIC MATTE  
**Product Number:** N140-1W / BN140-1W  
**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:** May 11, 2018

### 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>
Titanium Dioxide	13463-67-7	15-20
Ethylene Glycol	107-21-1	0-1
Ceramic Microsphere	66402-68-4	5-10
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>
Titanium Dioxide (d)	15 mg/m <sup>3</sup>	10 mg/m <sup>3</sup>	not established
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>	10.85 (lbs / gal)
<b>Viscosity:</b>	100-103 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

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

## 11. TOXICOLOGICAL INFORMATION

### Acute effects:

Titanium Dioxide:	Oral LD50 (rat): >10,000 mg/kg
	Dermal LD50 (rabbit): >10,000 mg/kg
	Inhalation LC50 / 4 hour (rat): >6.8 mg/l

In February 2006, IARC concluded. "There is inadequate evidence in humans for the carcinogenicity of titanium dioxide." IARC's Monograph 93 reports there is sufficient evidence of carcinogenicity in rats exposed to titanium dioxide but inadequate evidence for carcinogenicity in humans. It is an IARC Group 2B listed material. In addition, the IARC summary concludes, "No significant exposure to titanium dioxide is thought to occur during the use of products in which titanium dioxide is bound to other materials, such as paint".

### 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
Titanium Dioxide	Skin - Mild irritant	Human	-	72 hours 300 Micrograms Intermittent	-
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
Titanium Dioxide	Acute LC50 >1000000 µg/l Marine water	Fish - Fundulus heteroclitus	96 hours
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)

Health: 1

Flammability: 0

Physical Hazard: 0

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

The information contained herein is presented in good faith and is believed to be accurate as of the date prepared. This information is furnished without warranty of any kind. Employers should use this information only as a supplement to other information available to them.



## SAFETY DATA SHEET (SDS)

### 1. PRODUCT AND COMPANY IDENTIFICATION

#### PROUDCT IDENTIFICATION:

**Product Name:** CERAMICWISE SATIN BASE 1 / BUDEKE'S VINTAGE 150 CERAMIC SATIN  
**Product Number:** N142-1W / BN142-1W  
**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:** May 11, 2018

### 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>
Titanium Dioxide	13463-67-7	20-25
Ethylene Glycol	107-21-1	0-2

### 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>
Titanium Dioxide (d)	15 mg/m <sup>3</sup>	10 mg/m <sup>3</sup>	not established

Ethylene Glycol	50 ppm	100 mg/m <sup>3</sup> (aerosol)	not established
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**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>	10.80 (lbs / gal)
<b>Viscosity:</b>	94 - 98 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

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

## 11. TOXICOLOGICAL INFORMATION

### Acute effects:

Titanium Dioxide: Oral LD50 (rat): >10,000 mg/kg  
 Dermal LD50 (rabbit): >10,000 mg/kg  
 Inhalation LC50 / 4 hour (rat): >6.8 mg/l

In February 2006, IARC concluded. "There is inadequate evidence in humans for the carcinogenicity of titanium dioxide." IARC's Monograph 93 reports there is sufficient evidence of carcinogenicity in rats exposed to titanium dioxide but inadequate evidence for carcinogenicity in humans. It is an IARC Group 2B listed material. In addition, the IARC summary concludes, "No significant exposure to titanium dioxide is thought to occur during the use of products in which titanium dioxide is bound to other materials, such as paint".

### 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
Titanium Dioxide	Skin - Mild irritant	Human	-	72 hours 300 Micrograms Intermittent	-
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
Titanium Dioxide	Acute LC50 >1000000 µg/l Marine water	Fish - Fundulus heteroclitus	96 hours

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)**

**Health: 1**  
**Flammability: 0**  
**Physical Hazard: 0**

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

The information contained herein is presented in good faith and is believed to be accurate as of the date prepared. This information is furnished without warranty of any kind. Employers should use this information only as a supplement to other information available to them.





## SAFETY DATA SHEET (SDS)

### 1. PRODUCT AND COMPANY IDENTIFICATION

#### PROUDCT IDENTIFICATION:

**Product Name:** CERAMICWISE SEMI-GLOSS BASE 1 /  
BUDEKE'S VINTAGE 150 CERAMIC SEMI-GLOSS

**Product Number:** N143-1W / BN143-1W

**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:** May 11, 2018

### 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>
Titanium Dioxide	13463-67-7	20-25
Ethylene Glycol	107-21-1	0-2

### 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>
Titanium Dioxide (d)	15 mg/m <sup>3</sup>	10 mg/m <sup>3</sup>	not established

Ethylene Glycol	50 ppm	100 mg/m <sup>3</sup> (aerosol)	not established
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**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>	10.63 (lbs / gal)
<b>Viscosity:</b>	94 - 98 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

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

## 11. TOXICOLOGICAL INFORMATION

### Acute effects:

Titanium Dioxide: Oral LD50 (rat): >10,000 mg/kg  
 Dermal LD50 (rabbit): >10,000 mg/kg  
 Inhalation LC50 / 4 hour (rat): >6.8 mg/l

In February 2006, IARC concluded. "There is inadequate evidence in humans for the carcinogenicity of titanium dioxide." IARC's Monograph 93 reports there is sufficient evidence of carcinogenicity in rats exposed to titanium dioxide but inadequate evidence for carcinogenicity in humans. It is an IARC Group 2B listed material. In addition, the IARC summary concludes, "No significant exposure to titanium dioxide is thought to occur during the use of products in which titanium dioxide is bound to other materials, such as paint".

### 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
Titanium Dioxide	Skin - Mild irritant	Human	-	72 hours 300 Micrograms Intermittent	-
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
Titanium Dioxide	Acute LC50 >1000000 µg/l Marine water	Fish - Fundulus heteroclitus	96 hours

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)**

**Health: 1**  
**Flammability: 0**  
**Physical Hazard: 0**

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

The information contained herein is presented in good faith and is believed to be accurate as of the date prepared. This information is furnished without warranty of any kind. Employers should use this information only as a supplement to other information available to them.