



# Safety Data Sheet

Issue Date: 18-Sep-2018

Revision Date: 1-May-2021

Version 1

## 1. IDENTIFICATION

**Product identifier**

**Product Name** White Cabinet Grain Filler

**Other means of identification**

**SDS #** ACI-032

**Recommended use of the chemical and restrictions on use**

**Recommended Use** Used to fill the grain and pores on wood.

**Details of the supplier of the safety data sheet**

**Supplier Address**

Aqua Coat Inc.  
1061 Davis Road  
Elgin, IL 60123  
www.aquacoat.com

**Emergency telephone number**

**Company Phone Number** 877-886-2422  
**Emergency Telephone** INFOTRAC 1-352-323-3500 (International)  
1-800-535-5053 (North America)

## 2. HAZARDS IDENTIFICATION

**Classification**

This chemical does not meet the hazardous criteria set forth by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200). However, this Safety Data Sheet (SDS) contains valuable information critical to the safe handling and proper use of this product. This SDS should be retained and available for employees and other users of this product.

## 3. COMPOSITION/INFORMATION ON INGREDIENTS

Please also refer to subsequent sections of this SDS for additional information regarding the components of this product.

Chemical name	CAS No.	Weight-%
Titanium dioxide	13463-67-7	1-10
Tetrasodium pyrophosphate	7722-88-5	1-3
tributoxyethyl phosphate	78-51-3	1-5
Dipropylene Glycol Monomethyl Ether (DPM)	34590-94-8	1-5
Talc	14807-96-6	1-5

\*\*If Chemical Name/CAS No is "proprietary" and/or Weight-% is listed as a range, the specific chemical identity and/or percentage of composition has been withheld as a trade secret.\*\*

## 4. FIRST AID MEASURES

### Description of first aid measures

<b>Eye Contact</b>	Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. If eye irritation persists: Get medical advice/attention.
<b>Skin Contact</b>	Wash with soap and water. If skin irritation persists, call a physician.
<b>Inhalation</b>	Remove exposed individual(s) to fresh air for 20 minutes. Consult a physician/poison center if individual's condition declines or if symptoms persist.
<b>Ingestion</b>	Rinse mouth. Never give anything by mouth to an unconscious person. Drink 2-3 large glasses of water. If symptoms persist, call a physician.

### Most important symptoms and effects, both acute and delayed

<b>Symptoms</b>	Direct contact with eyes may cause temporary irritation. Prolonged or repeated skin contact may cause irritation. May cause gastrointestinal irritation, nausea, diarrhea, and vomiting. Prolonged exposure in poorly ventilated area may cause respiratory irritation.
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### Indication of any immediate medical attention and special treatment needed

<b>Notes to Physician</b>	Treat symptomatically.
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## 5. FIRE-FIGHTING MEASURES

### Suitable Extinguishing Media

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

**Unsuitable Extinguishing Media** Not determined.

### Specific Hazards Arising from the Chemical

None.

### Protective equipment and precautions for firefighters

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

## 6. ACCIDENTAL RELEASE MEASURES

### Personal precautions, protective equipment and emergency procedures

<b>Personal Precautions</b>	Use personal protective equipment as required.
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### Environmental precautions

<b>Environmental precautions</b>	Prevent entry to sewers and public waters. See Section 12 for additional Ecological Information.
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### Methods and material for containment and cleaning up

<b>Methods for Containment</b>	Prevent further leakage or spillage if safe to do so.
<b>Methods for Clean-Up</b>	Collect and reuse if possible. Absorb spill with inert material (e.g. dry sand or earth). Collect and place in suitable, properly labeled container for recovery or disposal.

**7. HANDLING AND STORAGE**

**Precautions for safe handling**

**Advice on Safe Handling** Handle in accordance with good industrial hygiene and safety practice. Avoid contact with skin, eyes or clothing.

**Conditions for safe storage, including any incompatibilities**

**Storage Conditions** Keep containers tightly closed in a dry, cool and well-ventilated place. Keep out of the reach of children.

**Incompatible Materials** Strong oxidizing agents.

**8. EXPOSURE CONTROLS/PERSONAL PROTECTION**

**Exposure Guidelines**

Chemical name	ACGIH TLV	OSHA PEL	NIOSH IDLH
Titanium dioxide 13463-67-7	TWA: 10 mg/m <sup>3</sup>	TWA: 15 mg/m <sup>3</sup> total dust (vacated) TWA: 10 mg/m <sup>3</sup> total dust	IDLH: 5000 mg/m <sup>3</sup> TWA: 2.4 mg/m <sup>3</sup> CIB 63 fine TWA: 0.3 mg/m <sup>3</sup> CIB 63 ultrafine, including engineered nanoscale
Dipropylene Glycol Monomethyl Ether (DPM) 34590-94-8	STEL: 150 ppm TWA: 100 ppm S*	TWA: 100 ppm TWA: 600 mg/m <sup>3</sup> (vacated) TWA: 100 ppm (vacated) TWA: 600 mg/m <sup>3</sup> (vacated) STEL: 150 ppm (vacated) STEL: 900 mg/m <sup>3</sup> (vacated) S* S*	IDLH: 600 ppm TWA: 100 ppm TWA: 600 mg/m <sup>3</sup> STEL: 150 ppm STEL: 900 mg/m <sup>3</sup>
Talc 14807-96-6	TWA: 2 mg/m <sup>3</sup> particulate matter containing no asbestos and <1% crystalline silica, respirable particulate matter	(vacated) TWA: 2 mg/m <sup>3</sup> respirable dust <1% Crystalline silica, containing no Asbestos TWA: 20 mppcf if 1% Quartz or more; use Quartz limit	IDLH: 1000 mg/m <sup>3</sup> TWA: 2 mg/m <sup>3</sup> containing no Asbestos and <1% Quartz respirable dust

**Other Information** If product is sanded, appropriate respirator should be worn to avoid breathing dust. Pre-existing respiratory disorders may be aggravated by exposure. If sanded, this material may generate titanium dioxide dust. Inhaled titanium dioxide has been classified by IARC as a human carcinogen (see section 11).

**Appropriate engineering controls**

**Engineering Controls** Apply technical measures to comply with the occupational exposure limits.

**Individual protection measures, such as personal protective equipment**

**Eye/Face Protection** Wear approved safety goggles where a splash hazard exists. Refer to 29 CFR 1910.133 for eye and face protection regulations.

**Skin and Body Protection** Wear protective gloves and protective clothing. Reference Wiley's "Quick Selection Guide to Chemical Protective Clothing". Refer to 29 CFR 1910.138 for appropriate skin and body protection.

**Respiratory Protection** No protection is ordinarily required under normal conditions of use and with adequate ventilation. Refer to 29 CFR 1910.134 for respiratory protection requirements.

**General Hygiene Considerations** Avoid contact with skin, eyes and clothing. After handling this product, wash hands before eating, drinking, or smoking. If contact occurs, remove contaminated clothing. If needed, take first aid action shown on section 4 of this SDS. Launder contaminated clothing before reuse.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

### Information on basic physical and chemical properties

<b>Physical state</b>	Not determined	<b>Odor</b>	Not determined
<b>Appearance</b>	Not determined	<b>Odor Threshold</b>	Not established
<b>Color</b>	Not determined		

<u>Property</u>	<u>Values</u>	<u>Remarks • Method</u>
pH	Not determined	
Melting point / freezing point	Not determined	
Boiling point / boiling range	Not determined	
Flash point	Not determined	
Evaporation Rate	Not determined	
Flammability (Solid, Gas)	Not determined	
Flammability Limit in Air		
Upper flammability or explosive limits	Not determined	
Lower flammability or explosive limits	Not determined	
Vapor Pressure	Not determined	
Vapor Density	Not determined	
Relative Density	Not determined	
Water Solubility	Miscible in water	
Solubility in other solvents	Not determined	
Partition Coefficient	Not determined	
Autoignition temperature	Not determined	
Decomposition temperature	Not determined	
Kinematic viscosity	Not determined	
Dynamic Viscosity	Not determined	
Explosive Properties	Not determined	
Oxidizing Properties	Not determined	

## 10. STABILITY AND REACTIVITY

### Reactivity

Not reactive under normal conditions.

### Chemical stability

Stable under recommended storage conditions.

### Possibility of hazardous reactions

None under normal processing.

<b>Hazardous Polymerization</b>	Hazardous polymerization does not occur.
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### Conditions to Avoid

Keep out of reach of children.

### Incompatible materials

Strong oxidizing agents.

### Hazardous decomposition products

None known.

## 11. TOXICOLOGICAL INFORMATION

### Information on likely routes of exposure

#### Product Information

<b>Eye Contact</b>	Avoid contact with eyes.
<b>Skin Contact</b>	Avoid contact with skin.
<b>Inhalation</b>	Avoid breathing vapors or mists.
<b>Ingestion</b>	Do not taste or swallow.

### Component Information

Chemical name	Oral LD50	Dermal LD50	Inhalation LC50
Titanium dioxide 13463-67-7	> 10000 mg/kg ( Rat )	-	-
Dipropylene Glycol Monomethyl Ether (DPM) 34590-94-8	= 5.35 g/kg ( Rat )	= 9500 mg/kg ( Rabbit )	-
tributoxyethyl phosphate 78-51-3	= 3 g/kg ( Rat )	> 16 mL/kg ( Rabbit )	> 6.4 mg/L ( Rat ) 4 h
Di(ethylene glycol) ethyl ether 111-90-0	= 10502 mg/kg ( Rat )	= 4200 µL/kg ( Rabbit ) = 9143 mg/kg ( Rabbit ) = 6 mL/kg ( Rat )	> 5240 mg/m <sup>3</sup> ( Rat ) 4 h

### Symptoms related to the physical, chemical and toxicological characteristics

**Symptoms** Please see section 4 of this SDS for symptoms.

### Delayed and immediate effects as well as chronic effects from short and long-term exposure

**Carcinogenicity** Titanium dioxide is a possible carcinogen when it appears as a respirable dust.

Chemical name	ACGIH	IARC	NTP	OSHA
Titanium dioxide 13463-67-7		Group 2B		X
Talc 14807-96-6		Group 3		X

#### Legend

*IARC (International Agency for Research on Cancer)*  
*Group 2B - Possibly Carcinogenic to Humans*  
*Group 3 IARC components are "not classifiable as human carcinogens"*  
*OSHA (Occupational Safety and Health Administration of the US Department of Labor)*  
*X - Present*

### Numerical measures of toxicity

The following values are calculated based on chapter 3.1 of the GHS document .

**Oral LD50** 45,997.80 mg/kg  
**ATEmix (inhalation-dust/mist)** 194.14 mg/L

## 12. ECOLOGICAL INFORMATION

### Ecotoxicity

An environmental hazard cannot be excluded in the event of unprofessional handling or disposal.

### Component Information

Chemical name	Algae/aquatic plants	Fish	Crustacea
Dipropylene Glycol Monomethyl Ether (DPM) 34590-94-8		10000: 96 h Pimephales promelas mg/L LC50 static	1919: 48 h Daphnia magna mg/L LC50
tributoxyethyl phosphate 78-51-3		10.4 - 12.0: 96 h Pimephales promelas mg/L LC50 flow-through	
Di(ethylene glycol) ethyl ether 111-90-0		13400: 96 h Salmo gairdneri mg/L LC50 flow-through 19100 - 23900: 96 h Lepomis macrochirus mg/L LC50 flow-through 11400 - 15700: 96 h Oncorhynchus mykiss mg/L LC50 flow-through 11600 - 16700: 96 h Pimephales promelas mg/L LC50 flow-through 10000: 96 h Lepomis macrochirus mg/L LC50 static	3940 - 4670: 48 h Daphnia magna mg/L EC50
Talc 14807-96-6		100: 96 h Brachydanio rerio g/L LC50 semi-static	

### Persistence/Degradability

Not determined.

### Bioaccumulation

There is no data for this product.

### Mobility

Chemical name	Partition coefficient
tributoxyethyl phosphate 78-51-3	3.65 - 4.78
Dipropylene Glycol Monomethyl Ether (DPM) 34590-94-8	-0.064

### Other Adverse Effects

Not determined

## 13. DISPOSAL CONSIDERATIONS

### Waste Treatment Methods

#### **Disposal of Wastes**

Disposal should be in accordance with applicable regional, national and local laws and regulations.

#### **Contaminated Packaging**

Disposal should be in accordance with applicable regional, national and local laws and regulations.

### California Hazardous Waste Status

Chemical name	California Hazardous Waste Status
Zinc Ammonium Carbonate 40861-29-8	Toxic

## 14. TRANSPORT INFORMATION

<b>Note</b>	Please see current shipping paper for most up to date shipping information, including exemptions and special circumstances.
<b>DOT</b>	Not regulated
<b>IATA</b>	Not regulated
<b>IMDG</b>	Not regulated

## 15. REGULATORY INFORMATION

### International Inventories

Chemical name	TSCA	DSL/NDSL	EINECS/E LINCS	ENCS	IECSC	KECL	PICCS	AICS
Titanium dioxide	X	X	X	X	X	X	X	X
Dipropylene Glycol Monomethyl Ether (DPM)	X	X	X	X	X	X	X	X
Zinc Ammonium Carbonate	X	X	X		X	X		X
tributoxyethyl phosphate	X	X	X	X	X	X	X	X
Di(ethylene glycol) ethyl ether	X	X	X	X	X	X	X	X
Talc	X	X	X	X	X	X	X	X

#### **Legend:**

*TSCA - United States Toxic Substances Control Act Section 8(b) Inventory*

*DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List*

*EINECS/ELINCS - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances*

*ENCS - Japan Existing and New Chemical Substances*

*IECSC - China Inventory of Existing Chemical Substances*

*KECL - Korean Existing and Evaluated Chemical Substances*

*PICCS - Philippines Inventory of Chemicals and Chemical Substances*

*AICS - Australian Inventory of Chemical Substances*

### US Federal Regulations

#### **CERCLA**

This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355).

#### **SARA 313**

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product contains a chemical or chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372

Chemical name	CAS No.	Weight-%	SARA 313 - Threshold Values %
Di(ethylene glycol) ethyl ether - 111-90-0	111-90-0	1-5	1.0
2-(2-methoxyethoxy)ethanol - 111-77-3	111-77-3	1-3	1.0
Dipropylene Glycol Monomethyl Ether (DPM) - 34590-94-8	34590-94-8	<1.0	1.0

**CWA (Clean Water Act)**

This product contains the following substances which are regulated pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42)

Chemical name	CWA - Reportable Quantities	CWA - Toxic Pollutants	CWA - Priority Pollutants	CWA - Hazardous Substances
Zinc Ammonium Carbonate		X		

**US State Regulations****California Proposition 65**

This product contains the following Proposition 65 chemicals.

Chemical name	California Proposition 65
Titanium dioxide - 13463-67-7	Carcinogen

**U.S. State Right-to-Know Regulations**

Chemical name	New Jersey	Massachusetts	Pennsylvania
Titanium dioxide 13463-67-7	X	X	X
Dipropylene Glycol Monomethyl Ether (DPM) 34590-94-8	X	X	X
Zinc Ammonium Carbonate 40861-29-8	X		X
Di(ethylene glycol) ethyl ether 111-90-0	X		X
Talc 14807-96-6	X	X	X

**16. OTHER INFORMATION****NFPA****Health Hazards**

Not determined

**Flammability**

Not determined

**Instability**

Not determined

**Special Hazards**

Not determined

**HMIS****Health Hazards**

1

**Flammability**

0

**Physical hazards**

0

**Personal Protection**

X

**Issue Date:** 18-Sep-2018

**Revision Date:** 1-May-2021

**Revision Note:** New product

**Disclaimer**

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

**End of Safety Data Sheet**