



# Safety Data Sheet

Issue Date: 10-May-2023

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Version 1

## 1. IDENTIFICATION

### Product identifier

**Product Name** Black Acrylic Lacquer

### Other means of identification

**SDS #** ACI-043

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

**Recommended Use** Lacquer.

### 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** 815-209-0808  
**Emergency Telephone** INFOTRAC 1-352-323-3500 (International)  
1-800-535-5053 (North America)

## 2. HAZARDS IDENTIFICATION

**Appearance** Black liquid

**Physical state** Liquid

### Classification

Acute toxicity - Inhalation (Dusts/Mists)

Category 4

### Signal Word

Warning

### Hazard statements

Harmful if inhaled



### Precautionary Statements - Prevention

Avoid breathing dust/fume/gas/mist/vapors/spray  
Use only outdoors or in a well-ventilated area

### Precautionary Statements - Response

IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing  
Call a poison center or doctor/physician if you feel unwell

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical name	CAS No	Weight-%
Carbon Black	1333-86-4	5-10
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 thoroughly with plenty of water for at least 15 minutes, lifting lower and upper eyelids. Consult a physician.
<b>Skin Contact</b>	Wash off immediately with plenty of water for at least 15 minutes.
<b>Inhalation</b>	Remove victim to fresh air and keep at rest in a position comfortable for breathing. Call a poison center or doctor/physician if you feel unwell.
<b>Ingestion</b>	Clean mouth with water and drink afterwards plenty of water.

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

<b>Symptoms</b>	Harmful if inhaled.
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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

Not determined.

#### 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>	See Section 12 for additional Ecological Information.
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**Methods and material for containment and cleaning up**

**Methods for Containment** Prevent further leakage or spillage if safe to do so.

**Methods for Clean-Up** Keep in suitable, closed containers for disposal.

## 7. HANDLING AND STORAGE

**Precautions for safe handling**

**Advice on Safe Handling** Avoid breathing dust/fume/gas/mist/vapors/spray. Use only outdoors or in a well-ventilated area.

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

**Storage Conditions** Keep containers tightly closed in a dry, cool and well-ventilated place.

**Incompatible Materials** None known based on information supplied.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

**Exposure Guidelines**

Chemical name	ACGIH TLV	OSHA PEL	NIOSH IDLH
Carbon Black 1333-86-4	TWA: 3 mg/m <sup>3</sup> inhalable particulate matter	TWA: 3.5 mg/m <sup>3</sup> (vacated) TWA: 3.5 mg/m <sup>3</sup>	IDLH: 1750 mg/m <sup>3</sup> TWA: 3.5 mg/m <sup>3</sup> TWA: 0.1 mg/m <sup>3</sup> Carbon black in presence of Polycyclic aromatic hydrocarbons PAH
Dipropylene Glycol Monomethyl Ether (DPM) 34590-94-8	TWA: 50 ppm	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

**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** Refer to 29 CFR 1910.133 for eye and face protection regulations.

**Skin and Body Protection** Refer to 29 CFR 1910.138 for appropriate skin and body protection.

**Respiratory Protection** Refer to 29 CFR 1910.134 for respiratory protection requirements.

**General Hygiene Considerations** Handle in accordance with good industrial hygiene and safety practice.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

### Information on basic physical and chemical properties

<b>Physical state</b>	Liquid	<b>Odor</b>	Not determined
<b>Appearance</b>	Black liquid	<b>Odor Threshold</b>	Not determined
<b>Color</b>	Black		

<u>Property</u>	<u>Values</u>	<u>Remarks • Method</u>
<b>pH</b>	No data available	
<b>Melting point / freezing point</b>	No data available	
<b>Initial boiling point and boiling range</b>	No data available	
<b>Flash point</b>	No data available	
<b>Evaporation Rate</b>	Not determined	
<b>Flammability (Solid, Gas)</b>	Liquid-Not applicable	
<b>Flammability Limit in Air</b>		
<b>Upper flammability or explosive limits</b>	No data available	
<b>Lower flammability or explosive limits</b>	No data available	
<b>Vapor Pressure</b>	Not determined	
<b>Vapor Density</b>	No data available	
<b>Relative Density</b>	Not determined	
<b>Water Solubility</b>	Not determined	
<b>Solubility in other solvents</b>	Not determined	
<b>Partition Coefficient</b>	Not determined	
<b>Autoignition temperature</b>	No data available	
<b>Hyphen</b>	Not determined	
<b>Kinematic viscosity</b>	Not determined	
<b>Dynamic Viscosity</b>	Not determined	
<b>Explosive Properties</b>	Not determined	
<b>Oxidizing Properties</b>	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.

### Conditions to Avoid

Keep out of reach of children.

### Incompatible materials

None known based on information supplied.

### Hazardous decomposition products

None known based on information supplied.

## 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>	Harmful if inhaled.
<b>Ingestion</b>	Do not ingest.

### Component Information

Chemical name	Oral LD50	Dermal LD50	Inhalation LC50
Carbon Black 1333-86-4	> 15400 mg/kg ( Rat )	-	> 4.6 mg/m <sup>3</sup> ( Rat ) 4 h
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 )	> 5000 mg/kg ( Rabbit )	> 6.4 mg/L ( Rat ) 4 h
Di(ethylene glycol) ethyl ether 111-90-0	= 10502 mg/kg ( Rat )	= 9143 mg/kg ( Rabbit )	> 5240 mg/m <sup>3</sup> ( Rat ) 4 h
Polyethylene glycol 25322-68-3	= 22 g/kg ( Rat )	> 20 g/kg ( Rabbit )	-
Ethylenediamine, ethoxylated and propoxylated 26316-40-5	-	> 5000 mg/kg ( Rabbit )	-
Petroleum distillates, solvent dewaxed heavy paraffinic 64742-65-0	> 15000 mg/kg ( Rat )	> 5000 mg/kg ( Rabbit )	> 2400 mg/m <sup>3</sup> ( Rat ) 4 h

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

<b>Symptoms</b>	Please see section 4 of this SDS for symptoms.
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### Delayed and immediate effects as well as chronic effects from short and long-term exposure

<b>Carcinogenicity</b>	Carbon black is a possible carcinogen when it appears as a respirable dust. The component below belongs to the petroleum family, which has been shown to contain carcinogenic substances depending on the level of refinement. The carcinogen classification need not apply if it can be shown that the substance contains less than 3% dimethyl sulfoxide extract.
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Chemical name	ACGIH	IARC	NTP	OSHA
Carbon Black 1333-86-4	A3	Group 2B		X
Petroleum distillates, solvent dewaxed heavy paraffinic 64742-65-0	A2	Group 1	Known	X

#### Legend

**ACGIH (American Conference of Governmental Industrial Hygienists)**

A2 - Suspected Human Carcinogen

A3 - Animal Carcinogen

**IARC (International Agency for Research on Cancer)**

Group 1 - Carcinogenic to Humans

Group 2B - Possibly Carcinogenic to Humans

**NTP (National Toxicology Program)**

Known - Known Carcinogen

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	31,723.70 mg/kg
Dermal LD50	47,072.10 mg/kg
ATEmix (inhalation-dust/mist)	>1.0 mg/l

## 12. ECOLOGICAL INFORMATION

### Ecotoxicity

The product is not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment.

### Component Information

Chemical name	Algae/aquatic plants	Fish	Crustacea
tributoxyethyl phosphate 78-51-3		LC50: 10.4 - 12.0mg/L (96h, Pimephales promelas)	
Dipropylene Glycol Monomethyl Ether (DPM) 34590-94-8		LC50: >10000mg/L (96h, Pimephales promelas)	LC50: =1919mg/L (48h, Daphnia magna)
Di(ethylene glycol) ethyl ether 111-90-0		LC50: =10000mg/L (96h, Lepomis macrochirus) LC50: 19100 - 23900mg/L (96h, Lepomis macrochirus) LC50: 11400 - 15700mg/L (96h, Oncorhynchus mykiss) LC50: 11600 - 16700mg/L (96h, Pimephales promelas)	EC50: 3940 - 4670mg/L (48h, Daphnia magna)
Talc 14807-96-6		LC50: >100g/L (96h, Brachydanio rerio)	
Petroleum distillates, solvent dewaxed heavy paraffinic 64742-65-0		LC50: >5000mg/L (96h, Oncorhynchus mykiss)	EC50: >1000mg/L (48h, Daphnia magna)

### Persistence/Degradability

Not determined.

### Bioaccumulation

There is no data for this product.

### Mobility

Chemical name	Partition coefficient
tributoxyethyl phosphate 78-51-3	3.75
Dipropylene Glycol Monomethyl Ether (DPM) 34590-94-8	0.35

### 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.

### 14. TRANSPORT INFORMATION

**Note** Please see current shipping paper for most up to date shipping information, including exemptions and special circumstances.

**DOT** Not regulated

**IATA** Not regulated

**IMDG** Not regulated

### 15. REGULATORY INFORMATION

#### International Inventories

Chemical name	TSCA	TSCA Inventory Status	DSL/NDSL	EINECS/ELINCS	ENCS	IECSC	KECL	PICCS	AIC
Carbon Black	X	ACTIVE	X	X	X	X	X	X	X
tributoxyethyl phosphate	X	ACTIVE	X	X	X	X	X	X	X
Dipropylene Glycol Monomethyl Ether (DPM)	X	ACTIVE	X	X	X	X	X	X	X
Di(ethylene glycol) ethyl ether	X	ACTIVE	X	X	X	X	X	X	X
Talc	X	ACTIVE	X	X	X	X	X	X	X
Polyethylene glycol	X	ACTIVE	X	X	X	X	X	X	X
Ethylenediamine, ethoxylated and propoxylated	X	ACTIVE	X	X		X	X	X	X
Petroleum distillates, solvent dewaxed heavy paraffinic	X	ACTIVE	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

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

**CWA (Clean Water Act)**

This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42)

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

This product contains the following Proposition 65 chemicals.

Chemical name	California Proposition 65
Carbon Black - 1333-86-4	Carcinogen

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

Chemical name	New Jersey	Massachusetts	Pennsylvania
Carbon Black 1333-86-4	X	X	X
Dipropylene Glycol Monomethyl Ether (DPM) 34590-94-8	X	X	X
Di(ethylene glycol) ethyl ether 111-90-0	X		X
Talc 14807-96-6	X	X	X

<b>16. OTHER INFORMATION</b>
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**NFPA**

Health hazards

Flammability

Instability

Special hazards

-

-

-

-

**HMIS**

Health hazards

Flammability

Physical hazards

Personal Protection

-

-

-

Not determined

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Revision Note: New format

**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**