

SAFETY DATA SHEET

SECTION 1) CHEMICAL PRODUCT AND MANUFACTURER'S IDENTIFICATION

Product ID: WB-8348
Product Name: AquaSurf
Revision Date: Jan 15, 2019 **Date Printed:** Jan 25, 2019
Version: 1.0 **Supersedes Date:** N.A.
Manufacturer's Name: Ceramic Industrial Coatings
Address: 325 Highway 81 Osseo, MN, US, 55369
Emergency Phone: Chemtrec: 1.800.424.9300
Information Phone Number: 763-424-2044
Fax:
Product/Recommended Uses: Paint or paint related item

SECTION 2) HAZARDS IDENTIFICATION

Classification

Acute toxicity Oral - Category 5
Carcinogenicity - Category 2
Eye Irritation - Category 2A
Skin Irritation - Category 3

Pictograms



Signal Word

Warning

Hazardous Statements - Health

May be harmful if swallowed
Suspected of causing cancer.
Causes serious eye irritation
Causes mild skin irritation

Precautionary Statements - General

If medical advice is needed, have product container or label at hand.
Keep out of reach of children.
Read label before use.

Precautionary Statements - Prevention

Obtain special instructions before use.
Do not handle until all safety precautions have been read and understood.
Wear protective gloves/protective clothing/eye protection/face protection.

Wash hands and face thoroughly after handling.

Precautionary Statements - Response

Call a POISON CENTER or doctor if you feel unwell.

IF exposed or concerned: Get medical advice/attention.

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 advice/attention.

If skin irritation occurs: Get medical advice/attention.

Precautionary Statements - Storage

Store locked up.

Precautionary Statements - Disposal

Dispose of contents/container to disposal recycling center. Under RCRA, it is the responsibility of the user of the product to determine at the time of disposal whether the product meets RCRA criteria for hazardous waste. Waste management should be in full compliance with federal, state and local laws.

Acute toxicity of 12.93% of the mixture is unknown

SECTION 3) COMPOSITION/INFORMATION ON INGREDIENTS

CAS	Chemical Name	% By Weight
0007732-18-5	WATER	27% - 44%
0014807-96-6	TALC	21% - 36%
0013463-67-7	TITANIUM DIOXIDE	10% - 21%
0000111-76-2	ETHYLENE GLYCOL MONOBUTYL ETHER	0.3% - 3.3%
0001318-59-8	Chlorite	0.1% - 1.5%
0007631-86-9	SILICA, AMORPHOUS	0.1% - 1.1%
0029911-28-2	DIPROPYLENE GLYCOL, BUTYL ETHER	0.1% - 0.8%
0000126-86-3	2,4,7,9-TETRAMETHYL-5-DECYNE-4,7-DIOL	0.0% - 0.2%
0000124-68-5	2-AMINO-2-METHYL-1-PROPANOL	Trace
0000107-21-1	ETHYLENE GLYCOL	Trace
0025265-77-4	2,2,4-TRIMETHYL PENTANEDIOL 1,3-MONOISOBUTYRAT	Trace
0025498-49-1	TRIPROPYLENE GLYCOL MONOMETHYL ETHER	Trace
0055406-53-6	3-iodo-2-propynyl butylcarbamate	Trace
0000127-09-3	SODIUM ACETATE	Trace
0002634-33-5	1,2-BENZISOTHIAZOL-3(2H)-ONE	Trace

Specific chemical identity and/or exact percentage (concentration) of the composition has been withheld to protect confidentiality.

SECTION 4) FIRST-AID MEASURES

Inhalation

Take precautions to ensure your own safety. (e.g. wear appropriate protective equipment. Remove source of exposure or move person to fresh air and keep comfortable for breathing. Call a POISON CENTER/doctor if you feel unwell.

IF exposed or concerned: Get medical advice/attention.

Eliminate all ignition sources if safe to do so.

Skin Contact

Take off contaminated clothing, shoes and leather goods (e.g. watchbands, belts). Wash with plenty of lukewarm, gently flowing water for 15-20 minutes. If skin irritation occurs: Get medical advice/attention. Store contaminated clothing under water and wash before re-use.

IF exposed or concerned: Get medical advice/attention.

Eye Contact

Remove source of exposure or move person to fresh air. Rinse eyes cautiously with lukewarm, gently flowing water for several minutes, while holding the eyelids open. Remove contact lenses, if present and easy to do. Continue rinsing for a duration of 15-20 minutes. Take

care not to rinse contaminated water into the unaffected eye or onto the face. If eye irritation persists: Get medical advice/attention.

Ingestion

Rinse mouth. If you feel unwell/concerned: Get medical advice/attention.

SECTION 5) FIRE-FIGHTING MEASURES

Suitable Extinguishing Media

Use dry chemical, foam or carbon dioxide to extinguish fire.

Unsuitable Extinguishing Media

Not available.

Fire-fighting Procedures

Isolate immediate hazard area and keep unauthorized personnel out. Stop spill/release if it can be done safely. Move undamaged containers from immediate hazard area if it can be done so safely. Water spray may be useful in minimizing or dispersing vapors and to protect personnel.

Special Protective Actions

Wear protective pressure self-contained breathing apparatus (SCBA) and full turnout gear.

Care should always be exercised in dust/mist areas.

Use water to keep fire-exposed containers and the surroundings cool.

SECTION 6) ACCIDENTAL RELEASE MEASURES

Personal Precautions

Avoid breathing vapor. Avoid contact with skin, eye or clothing. Do not touch damaged containers or spilled materials unless wearing appropriate protective clothing.

Emergency Procedure

If spilled material is cleaned up using a regulated solvent, the resulting waste mixture may be regulated.

Spill: Remove with inert absorbent into a convenient waste disposal container.

Keep unnecessary people away; isolate hazard area and deny entry. Do not touch or walk through spilled material.

Stay upwind; keep out of low areas.

Environmental Precautions

Do not flush to sewer or waterways. Prevent release to the environment if possible.

SECTION 7) HANDLING AND STORAGE

General

Wash hands after use.

Do not get in eyes, on skin or on clothing.

Do not breathe vapors or mists.

Use good personal hygiene practices.

Eating, drinking and smoking in work areas is prohibited.

Remove contaminated clothing and protective equipment before entering eating areas.

Eyewash stations and showers should be available in areas where this material is used and stored.

Ventilation Requirements

Use process enclosures, local exhaust ventilation, or other engineering controls to keep airborne levels below recommended exposure limits. If user operations generate dust, fume or mist, use ventilation to keep exposure to airborne contaminants below the exposure limit.

Storage Room Requirements

Empty Containers retain product residue which may exhibit hazards of material, therefore do not pressurize, cut, glaze, weld or use for any other purposes. Return drums to reclamation centers for proper cleaning and reuse.

Do not cut, drill, grind, weld or perform similar operations on or near containers. Do not pressurize containers to empty them. Ground all structures, transfer containers and equipment to conform to the national electrical code. Use procedures that prevent static electrical sparks.

SECTION 8) EXPOSURE CONTROLS/ PERSONAL PROTECTION

Eye Protection

Dust-proof goggles or safety glasses with side shields or vented/splash proof goggles. Contact lenses may absorb irritants. Particles may adhere to lenses and cause corneal damage.

Skin Protection

Use of gloves approved to relevant standards made from the following materials may provide suitable chemical protection: PVC, neoprene or nitrile rubber gloves. Suitability and durability of a glove is dependent on usage, e.g. frequency and duration of contact, chemical resistance of glove material, glove thickness, dexterity. Always seek advice from glove suppliers. Contaminated gloves should be replaced. To prevent skin contact wear protective clothing covering all exposed areas. Avoid unnecessary skin contact.

Respiratory Protection

If engineering controls do not maintain airborne concentrations to a level which is adequate to protect worker, a respiratory protection program that meets or is equivalent to OSHA 29 CFR 1910.134 and ANSI Z88.2 should be followed. Check with respiratory protective equipment suppliers.

Chemical Name	OSHA TWA (ppm)	OSHA TWA (mg/m3)	OSHA STEL (ppm)	OSHA STEL (mg/m3)	OSHA Tables (Z1, Z2, Z3)	OSHA Carcinogen	OSHA Skin designation	NIOSH TWA (ppm)	NIOSH TWA (mg/m3)	NIOSH STEL (ppm)	NIOSH STEL (mg/m3)	NIOSH Carcinogen
ETHYLENE GLYCOL												
ETHYLENE GLYCOL MONOBUTYL ETHER	50	240			1		1	5	24			
SILICA, AMORPHOUS	20 (b)	80 mg/m3 percent SiO2+2			1,3				6			
TALC		20 mppcf			1	1						
TITANIUM DIOXIDE		15			1			b				1

Chemical Name	ACGIH TWA (ppm)	ACGIH TWA (mg/m3)	ACGIH STEL (ppm)	ACGIH STEL (mg/m3)	ACGIH Carcinogen	ACGIH Notations	ACGIH TLV Basis
ETHYLENE GLYCOL	25 (v)		50 (v)	10 (l,H)	A4	A4	URT irr
ETHYLENE GLYCOL MONOBUTYL ETHER	20				A3	A3; BEI	Eye & URT irr
SILICA, AMORPHOUS							
TALC	0.1 f/cc (F) (K)	2 (E,R)			[A1]; [A4];	[A1]; [A4];	Pulm fibrosis; Pulm func
TITANIUM DIOXIDE		10			A4	A4	LRT irr

(C) - Ceiling limit, (F) - Respirable fibers, (K) - Should not exceed 2 mg/m3 respirable particulate mass, A3 - Confirmed Animal Carcinogen with Unknown Relevance to Humans, A4 - Not Classifiable as a Human Carcinogen, BEI - Substances for which there is a Biological Exposure Index or Indices, func - Function, irr - Irritation, LRT - Lower respiratory tract, pulm - Pulmonary, URT - Upper respiratory tract

SECTION 9) PHYSICAL AND CHEMICAL PROPERTIES

Physical and Chemical Properties

Density	12.57 lb/gal
% Solids By Weight	60.80%
% VOC	3.77%
<hr/>	
Appearance	Liquid
Odor Description	N.A.
Odor Threshold	N.A.
pH	8.0 - 9.0
Melting Point	N.A.
Freezing Point	N.A.
Low Boiling Point	N.A.
High Boiling Point	N.A.
Flash Point Symbol	N.A.
Flash Point	>200 °F
Evaporation Rate	Slower than n-butyl acetate
Flammability	N/A
Upper Explosion Level	N.A.
Lower Explosion Level	N.A.
Vapor Pressure	N.A.
Vapor Density	Heavier than air
Water Solubility	N.A.
Coefficient Water/Oil	N.A.
Auto Ignition Temp	N.A.
Decomposition Pt	N.A.
Viscosity	N.A.

SECTION 10) STABILITY AND REACTIVITY

Stability

Stable under normal conditions and use.

Conditions to Avoid

Avoid great heat, sparks, flame, build up of static electricity and contact with incompatible materials.

Avoid contact with water-reactive materials.

Avoid temperature above maximum storage temperature.

Hazardous Polymerization

Will not occur.

Incompatible Materials

Not available.

Hazardous Decomposition Products

Halides, carbon dioxide, and carbon monoxide.

SECTION 11) TOXICOLOGICAL INFORMATION

Skin Corrosion/Irritation

Prolonged exposure may cause drying of the skin.

Causes mild skin irritation

Serious Eye Damage/Irritation

Causes serious eye irritation

Respiratory/Skin Sensitization

No Data Available

Germ Cell Mutagenicity

No Data Available

Carcinogenicity

Suspected of causing cancer (state route of exposure if it is conclusively proven that no other routes of exposure cause the hazard)

Reproductive Toxicity

No Data Available

Specific Target Organ Toxicity - Single Exposure

No Data Available

Specific Target Organ Toxicity - Repeated Exposure

No Data Available

Aspiration Hazard

No Data Available

Acute Toxicity

May be harmful if swallowed

0000111-76-2 ETHYLENE GLYCOL MONOBUTYL ETHER

LC50 (female rat): 450 ppm (4-hour exposure) (2)

LC50 (male rat): 486 ppm (4-hour exposure) (2)

LD50 (oral, male weanling rat): 3000 mg/kg (1)

LD50 (oral, 6-week old male rat): 2400 mg/kg (1)

LD50 (oral, yearling male rat): 560 mg/kg (1)

LD50 (oral, female rat): 530 mg/kg; 2500 mg/kg (1) LD50 (oral, male mouse): 1230 mg/kg (1)

LD50 (oral, rabbit): 320 mg/kg (1)

LD50 (dermal, male rabbit): 406 mg/kg (cited as 0.45 mL/kg) (1)

0000107-21-1 ETHYLENE GLYCOL

LD50 (oral, rat): 5.89 g/kg; 8.54 g/kg; 13.0 g/kg (5)

LD50 (oral, mouse): 7.5 g/kg; 15.28 g/kg (5,6)

LD50 (oral, guinea pig): 6.6 g/kg; 11.0 g/kg (5)

LD50 (oral, rabbit): 5.0 g/kg (5)

LD50 (dermal, rabbit): 9.5 g/kg (6)

SECTION 12) ECOLOGICAL INFORMATION

Toxicity

No data available.

No Data Available

Persistence and Degradability

No data available.

Bioaccumulative Potential

No data available.

Mobility in Soil

No data available.

Other Adverse Effects

No data available.

SECTION 13) DISPOSAL CONSIDERATIONS

Waste Disposal

Under RCRA it is the responsibility of the user of the product to determine at the time of disposal whether the product meets RCRA criteria for hazardous waste. Waste management should be in full compliance with federal, state and local laws.

Empty Containers retain product residue which may exhibit hazards of material, therefore do not pressurize, cut, glaze, weld or use for any other purposes. Return drums to reclamation centers for proper cleaning and reuse.

SECTION 14) TRANSPORT INFORMATION

U.S. DOT Information

Shipping Name: Paint - Not Regulated

IMDG Information

Shipping Name: Paint - Not Regulated

IATA Information

Shipping Name: Paint - Not Regulated

SECTION 15) REGULATORY INFORMATION

CAS	Chemical Name	% By Weight	Regulation List
0007732-18-5	WATER	27% - 44%	TSCA
0014807-96-6	TALC	21% - 36%	SARA312,TSCA,CA_TOX,MI_TOX,ND_TOX,WI_NR438 - WI_NR438 - AIR CONTAMINANT EMISSION INVENTORY REPORTING REQUIREMENTS
0013463-67-7	TITANIUM DIOXIDE	10% - 21%	SARA312,TSCA,CA_Carcinogen,ND_TOX,CA_Prop65 - California Proposition 65,CA_Prop65_Type_Toxicity_Cancer - CA_Proposition65_Type_Toxicity_Cancer,MN_ChemHighConcern - Minnesota Chemicals of High Concern list,MN_ChemHighConcern_HP2012_3_of_4_years - Minnesota - Chemicals High Concern -High Production Volume (2012 and 3 of 4 years)
0000111-76-2	ETHYLENE GLYCOL MONOBUTYL ETHER	0.3% - 3.3%	SARA313, CERCLA,SARA312,TSCA,CA_TAC_TOX,CA_TAC_Carcinogen,CA_TOX,MI_TOX,MN_TOX,ND_TOX,WI_NR438 - WI_NR438 - AIR CONTAMINANT EMISSION INVENTORY REPORTING REQUIREMENTS,MN_ChemHighConcern - Minnesota Chemicals of High Concern list,MN_ChemHighConcern_HP2012_3_of_4_years - Minnesota - Chemicals High Concern -High Production Volume (2012 and 3 of 4 years)
0001318-59-8	Chlorite	0.1% - 1.5%	SARA312
0007631-86-9	SILICA, AMORPHOUS	0.1% - 1.1%	SARA312,TSCA,MI_TOX,ND_TOX

0029911-28-2	DIPROPYLENE GLYCOL, BUTYL ETHER	0.1% - 0.8%	SARA312,TSCA,MI_TOX
0000126-86-3	2,4,7,9- TETRAMETHYL-5- DECYNE-4,7-DIOL	0.0% - 0.2%	SARA312,TSCA
0000124-68-5	2-AMINO-2-METHYL- 1-PROPANOL	Trace	SARA312,VOC_exempt,TSCA,MI_TOX
0000107-21-1	ETHYLENE GLYCOL	Trace	SARA313, CERCLA,SARA312,TSCA,CA_TAC_TOX,CA_TOX,MI_TOX,MN_TOX,WI_NR438 - WI_NR438 - AIR CONTAMINANT EMISSION INVENTORY REPORTING REQUIREMENTS,CA_Prop65 - California Proposition 65,CA_Prop65_Type_Toxicity_Develop - CA_Proposition65_Type_Toxicity_Developmental,MN_ChemHighConcern - Minnesota Chemicals of High Concern list,MN_ChemHighConcern_HP_V_2012_3_of_4_years - Minnesota - Chemicals High Concern -High Production Volume (2012 and 3 of 4 years)
0025265-77-4	2,2,4-TRIMETHYL PENTANEDIOL 1,3- MONOISOBUTYRAT	Trace	SARA312,TSCA,MI_TOX
0025498-49-1	TRIPROPYLENE GLYCOL MONOMETHYL ETHER	Trace	SARA312,TSCA
0055406-53-6	3-IODO-2-PROPYNYL BUTYLCARBAMATE	Trace	SARA312,TSCA
0000127-09-3	SODIUM ACETATE	Trace	SARA312,TSCA
0002634-33-5	1,2- BENZISOTHIAZOL-3 (2H)-ONE	Trace	SARA312,TSCA

SECTION 16) OTHER INFORMATION INCLUDING INFORMATION ON PREPARATION AND REVISION OF THE SDS

Glossary

ACGIH- American Conference of Governmental Industrial Hygienists; ANSI- American National Standards Institute; Canadian TDG- Canadian Transportation of Dangerous Goods; CAS- Chemical Abstract Service; Chemtrec- Chemical Transportation Emergency Center (US); CHIP- Chemical Hazard Information and Packaging; DSL- Domestic Substances List; EC- Equivalent Concentration; EH40 (UK)- HSE Guidance Note EH40 Occupational Exposure Limits; EPCRA- Emergency Planning and Community Right-To-Know Act; ESL- Effects screening levels; HMIS- Hazardous Material Information Service; LC- Lethal Concentration; LD- Lethal Dose; NFPA- National Fire Protection Association; OEL- Occupational Exposure Limits; OSHA- Occupational Safety and Health Administration, US Department of Labor; PEL- Permissible Exposure Limit; SARA (Title III)- Superfund Amendments and Reauthorization Act; SARA 313- Superfund Amendments and Reauthorization Act, Section 313; SCBA- Self-Contained Breathing Apparatus; STEL- Short Term Exposure Limit; TCEQ- Texas Commission on Environmental Quality; TLV- Threshold Limit Value; TSCA- Toxic Substances Control Act Public Law 94-469; TWA- Time Weighted Value; US DOT- US Department of Transportation; WHMIS- Workplace Hazardous Materials Information System.

HMIS

Health	/ 2
FLAMMABILITY	1
Physical Hazard	0
Personal Protection	X

(*) - Chronic effects

Caution: HMIS® ratings are based on a 0-4 rating scale, with 0 representing minimal hazards or risks, and 4 representing significant hazards or risks

Version 1.0:

Revision Date: Jan 23, 2019

Version 1.0

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