



SECTION 1 – IDENTIFICATION

Product: AU1 AQUASURF ULTRA™ WATERBORNE UNIVERSAL WHITE PRIMER
Product Use: INDUSTRIAL WATERBORNE PRIMER
..... FOR INDUSTRIAL USE ONLY

Manufacturer/Supplier: KATILAC COATINGS INC.
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SECTION 2 – HAZARDS IDENTIFICATION

GHS Classification:
Skin Sensitizer (Cat. 1)
Carcinogenicity (Cat. 1)
Reproductive Toxicity (Cat. 2)

GHS Label Elements:

Pictogram:



Signal Word: **Danger**

Target Organs:
Skin, reproductive system.

Hazard Statement(s):
H317: May cause an allergic skin reaction.
H350: May cause cancer.
H361: Suspected of damaging fertility or the unborn child.

Precautionary Statement(s):

- P201: Obtain special instructions before use.
- P202: Do not handle until all safety precautions have been read and understood.
- P261: Avoid breathing dust, fumes, mist, vapours or spray.
- P280: Wear protective gloves, protective clothing, eye protection.
- P272: Contaminated work clothing should not be allowed out of the workplace.
- P362+P364: Take off contaminated clothing and wash it before reuse.
- P302+P352: IF ON SKIN: Wash with plenty of water.
- P333+P313: If skin irritation or a rash occurs: Get medical attention.
- P308+P313: IF exposed or concerned: Get medical attention.
- P405: Store locked up.
- P501: Dispose of contents and container to comply with local, provincial, state, and federal regulations.

SECTION 3 – COMPOSITION / INFORMATION ON INGREDIENTS

HAZARDOUS INGREDIENT	CAS NUMBER	%
Dipropylene Glycol Monomethyl Ether	34590-94-8	1.00-5.00
2-propanol, 1-propoxy-	1569-01-3	1.00-5.00
Titanium Dioxide	13463-67-7	10.00-30.00
Hydrous Magnesium Silicate	14807-96-6	10.00-30.00
Methylphenyl)-w-hydroxy-poly(oxy(methyl-1,2-ethanediyl),	9064-13-5	0.50-1.50
Trimethylolpropane	77-99-6	0.00-0.25
Crystalline Silica, Quartz	14808-60-7	0.1-1.00

SECTION 4 – FIRST-AID MEASURES

Inhalation:

Take proper precautions to ensure your own safety before attempting rescue (e.g. wear appropriate protective equipment). Remove source of contamination or move victim to fresh air, obtain medical advice.

Ingestion:

Never give anything by mouth if victim is rapidly losing consciousness, or is unconscious or convulsing. Do not induce vomiting. Have victim drink 60-240 mL (2-8 oz.) of water. If vomiting occurs naturally, have victim rinse mouth with water again. Obtain medical advice.

Eyes:

Immediately flush the contaminated eye(s) with lukewarm, gently flowing water for 5 minutes, while holding eyelid(s) open. Obtain medical advice.

Skin:

Remove contaminated clothing, shoes, and leather goods (e.g. watchbands, belts). Flush with lukewarm, gently flowing water for 5 minutes. If irritation persists, repeat flushing. Obtain medical advice. Completely decontaminate clothing, shoes and leather goods before reuse or discard.

Most Important Symptoms and Effects:

Components in this product may cause lung injury with excessive inhalation. Risk depends on duration and level of exposure. Coatings risk is due primarily to inhalation of sanding dust or respirable particles in spray mist.

Indication of Immediate Medical Attention and Special Treatment:

Treatment based on sound judgement of physician and individual reactions of patient.

SECTION 5 – FIRE-FIGHTING MEASURES

Suitable and Unsuitable Extinguishing Media:

Foam, water spray, dry chemical, carbon dioxide. Do not use water jet.

Specific Hazards Arising from the Product:

Sensitivity to static discharge is not expected.

Hazardous Combustion Products:

Carbon monoxide and/or carbon dioxide. Nitrogen oxides, metal oxides, sulphur oxides.

Special Fire Fighting Procedures:

Keep upwind of fire. Wear self-contained breathing apparatus and full protective gear.

SECTION 6 – ACCIDENTAL RELEASE MEASURES

Personal Precautions:

Use personal protective equipment. Avoid breathing vapours, mist or gas. Ensure adequate ventilation. Evacuate personnel to safe areas. Beware of vapours accumulating.

Methods and Materials for Containment and Clean Up:

Prevent further leakage or spillage if safe to do so. Do not let product enter drains. Contain and dike spills. Absorb with inert material, place in a suitable container. Report and dispose of according to local regulations.

SECTION 7 – HANDLING AND STORAGE

Precautions for Safe Handling:

Use in a well-ventilated area. Avoid contact with skin and eyes. Avoid inhalation of vapour or mist.

Conditions for Safe Storage:

Keep container tightly closed in a dry and well-ventilated area. Containers which are opened must be carefully resealed and kept upright to prevent leakage and evaporation. Do not freeze.

SECTION 8 – EXPOSURE CONTROLS / PERSONAL PROTECTION

Threshold Limit Value:

Not available

Engineering Controls:

Use local, mechanical, explosion proof exhaust and/or ventilation system to avoid exposure and vapour accumulation. Maintain exposure limits below the recommended thresholds.

Personal Protective Equipment:

Respiratory Protection:

Where risk assessment shows air-purifying respirators are appropriate, use an approved respirator for the concentration and type of hazardous materials in the workplace. Use respirators and components tested and approved under the appropriate government standards. Use respirators as backup to engineering controls if necessary.

Hand Protection:

Handle with gloves to minimize skin contact. Inspect gloves prior to use. Use proper glove removal technique (without touching the glove's outer surface) to avoid skin contact with product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash hands thoroughly.

Eye Protection:

Safety glasses with side shields and/or face shield. Use equipment for eye protection tested and approved under the appropriate government standards.

Protective Clothing:

Impervious clothing. The type of protective equipment should be selected according to the concentration and amount of hazardous materials at each specific workplace.

Additional Measures:

Handle in accordance with good industrial hygiene and safety practices. Wash hands before breaks and at the end of the workday. Do not eat, smoke or drink where material is handled, processed or stored.

SECTION 9 – PHYSICAL / CHEMICAL PROPERTIES

Physical State: Liquid
Colour/Odour: White with mild odour
Melting/Freezing Point: 0°C est.
Boiling Point: >100°C
Flammability: Not available
Upper Flammable Limit:..... Not available
Lower Flammable Limit: Not available
Flashpoint: >100°C
Autoignition Temp:..... Not applicable
Decomposition Temp:..... Not applicable based on normal workplace conditions
pH:..... Not available
Viscosity (kinematic):..... 70-90 seconds #4 Ford Cup @ 25°C
Solubility in Water: No data
Partition Coefficient: n-octanol/water (logarithmic value) Not available
Vapour Pressure:..... Not available
Density: 1.4544 +/- 0.02 gms/CC
Vapour Density (AIR=1): Not available
Particle Characteristics: Not applicable
Evaporation Rate:..... Not available
Total VOC's: 86 g/L
% Non-Volatile: 60% +/- 2 w/w
42% +/- 2 w/v

SECTION 10 – STABILITY AND REACTIVITY

Reactivity:

No data.

Chemical Stability:

Stable under normal conditions. Hazardous polymerization not expected.

Possibility of Hazardous Reactions:

No hazardous reactions expected under normal handling conditions.

Conditions to Avoid:

Freezing and/or cold temperatures.

Incompatible Materials:

Avoid contact with water reactive materials, heat or contact with peroxides or other catalysts. Strong oxidizing agents. Strong acids, strong bases, aluminum.

Hazardous Decomposition Products:

Occurrence of decomposition products depend on temperature, air supply and presence of other materials. Carbon monoxide and/or carbon dioxide and nitrogen oxides. Aldehydes and ketones.

SECTION 11 – TOXICOLOGICAL INFORMATION

HAZARDOUS INGREDIENT	LD50	LC50	HRS
Dipropylene Glycol Monomethyl Ether	5152 mg/kg	55-60 mg/L	4
2-propanol, 1-propoxy-	2490 mg/kg	not available	-
Titanium Dioxide	>5000 mg/kg	6.82 mg/L	4
Hydrous Magnesium Silicate	not available	not available	-
Methylphenyl)-w-hydroxy-poly(oxy(methyl-1,2-ethanediyl),	6000 mg/kg	not available	-
Trimethylolpropane	>5000 mg/kg	>0.85 mg/L	4
Crystalline Silica, Quartz	500 mg/kg	not available	-

Likely Routes of Exposure:

Skin: Possible absorption. May cause mild skin irritation. May cause sensitization.

Eyes: Not expected to cause eye irritation.

Inhalation: No symptoms expected under normal working conditions.

Ingestion: Not considered a likely route of exposure when following safe handling methods.

Skin corrosion/irritation:

Not classified as a skin irritant.

Serious eye damage/irritation:

Not classified as an eye irritant.

Respiratory or skin sensitization:

Classified as a skin sensitizer.

Germ cell mutagenicity:

Not expected to be mutagenic in humans.

Carcinogenicity:

IARC has classified Crystalline Silica Quartz as carcinogenic to humans, Group 1.

TiO₂ (Titanium Dioxide) is suspected of causing cancer. IARC has classified TiO₂ as 2B Possibly carcinogenic to humans. However, the only evidence of carcinogenicity is in rats exposed to very high concentrations. Two major epidemiology studies among titanium dioxide workers in the US and in EUROPE could not demonstrate an elevated lung cancer risk. (1,2,3.)

1. Boffetta et. al. Mortality among workers employed in the titanium dioxide production industry in Europe. Cancer Causes Control. 2004 Sep;15(7):697-706.

2. Fryzek et. al. A cohort mortality study among titanium dioxide manufacturing workers in the United States. J Occup Environ Med. 2003 Apr;45(4):400-9.

3. IARC Monographs on the Evaluation of Carcinogenic Risks to Humans. IARC Monographs, Volume 93 (Summary)

Reproductive toxicity:

Excessive exposure may cause reproductive effects, and/or be hazardous to the developing fetus.

Teratogenicity:

No adverse effects are anticipated.

Specific target organ toxicity (single exposure):

Not classified as a single exposure toxicant.

Specific target organ toxicity (repeated exposure):

Not classified as a repeat exposure hazard.

Aspiration hazard:

Not classified as an aspiration hazard.

Potential Health Effects:

Inhalation:

No significant signs or symptoms are expected. Excessive inhalation may irritate respiratory tract. Some studies have linked titanium dioxide with chronic respiratory disease. Coatings risk is due primarily to inhalation of sanding dust or respirable particles in spray mist. Studies are inconclusive. Long-term overexposure to hydrous magnesium silicate may cause lung damage and lead to talcosis. Risk depends on duration and level of exposure. Coatings risk is due primarily to inhalation of sanding dust or respirable particles in spray mist.

Ingestion:

Not a likely route of exposure. May irritate digestive tract.

Skin:

Incidental contact is non-irritating. Prolonged/repeated contact may cause irritation.

Eyes:

Not expected to cause eye irritation under safe, normal working conditions.

Signs and Symptoms of Exposure:

No symptoms expected when operating conditions are compliant and all safety controls are met.

Additional Information:

Components in this product may cause lung injury with excessive inhalation. Risk depends on duration and level of exposure. Coatings risk is due primarily to inhalation of sanding dust or respirable particles in spray mist.

SECTION 12 – ECOLOGICAL INFORMATION

Ecotoxicity:

LC50 (Oncorhynchus Mykiss) >100 mg/L, static, 96H, OECD Test Guideline 203, est. (2-propanol, -propoxy-)

Persistence and Degradability:

No data.

Bioaccumulative Potential:

No data.

Mobility in Soil:

No data.

Other Adverse Effects:

Prevent from entering drains, sewers, streams or other bodies of water. If runoff occurs, notify authorities as required.

SECTION 13 – DISPOSAL CONSIDERATIONS

Waste disposal:

Collect and reclaim or dispose in sealed containers at a licensed waste disposal site. Do not allow this material to drain into sewers/water supplies. Dispose of in accordance with all applicable regulations.

Contaminated Packaging:

Empty containers should be taken to an approved waste handling site for recycling or disposal. Since empty containers may retain product residue, follow any label warnings even after container is emptied.

SECTION 14 – TRANSPORTATION INFORMATION

TDG Classification (Ground Only):.....NON REGULATED

Proper Shipping Name (Ground Only):.....NON REGULATED

A scientific determination was concluded based on formulation ingredients on January 16, 2026 to define the Transportation of Dangerous Goods Classifications.

SECTION 15 - REGULATIONS

This material is included on the DLS (Canadian Domestic Substance List) under the CEPA (Canadian Environmental Protection Act).

This material has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and the SDS contains all of the information required by CPR.

This material meets TSCA (Toxic Substances Control Act) inventory requirements.

Contents of this SDS comply with the OSHA Hazard Communication Standard 29CFR 1910.1200

SECTION 16 – OTHER INFORMATION

Revision Date:..... January 16, 2026

Print Date: January 21, 2026

Version Number:..... 5

LEGEND TO ABBREVIATIONS:

CAS: CHEMICAL ABSTRACT SERVICES

IARC: INTERNATIONAL AGENCY FOR RESEARCH ON CANCER

LC: LETHAL CONCENTRATION

LD: LETHAL DOSE

TDG: TRANSPORTATION OF DANGEROUS GOODS

TLV: THRESHOLD LIMIT VALUE

VOC: VOLATILE ORGANIC COMPOUND

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