



**SECTION 1 – PRODUCT IDENTIFICATION AND COMPANY IDENTIFICATION**

**Manufacturer/Supplier:**..... KATILAC COATINGS INC.  
391 HANLAN ROAD, UNIT #1, WOODBRIDGE, ONTARIO L4L 3T1  
**Phone:**..... 905-856-6464  
840 APPLEBY LINE, BURLINGTON, ONTARIO L7L 2Y7  
**Phone:**..... 905-637-2931  
www.katilaccoatings.com

**Emergency Phone:**..... CANUTEC (24H)...1-888-CANUTEC (226-8832 North American use)  
.....1-613-996-6666 (International use)

**Poison Control:** ..... 800-268-9017

**Revision Date:** ..... March 27, 2019  
**Print Date:** ..... March 27, 2019  
**Version Number:** ..... 1

**Product:** ..... AU2 AQUASURF ULTRA WATERBORNE UNIVERSAL NEUTRAL PRIMER  
**Product Use:**..... INDUSTRIAL WATERBORNE PRIMER  
FOR INDUSTRIAL USE ONLY

**SECTION 2 – HAZARDS IDENTIFICATION**

**Emergency Overview**

**Target Organs:**

Skin, lungs.

**GHS Classification:**

Skin Sensitizer (Cat. 1)  
Carcinogenicity (Cat. 1A)  
Specific Target Organ Toxicity - Repeated Exposure (Cat. 2) - Lungs

**GHS Label Elements, including precautionary statements:**

**Pictogram:**



**Signal Word:** ..... **Danger**

**Hazard Statement(s):**

H317: May cause an allergic skin reaction

H350: May cause cancer

H373: May cause damage to organs through prolonged or repeated exposure

**Precautionary Statement(s):**

P260: Do not breathe dust/fume/gas/mist/vapours/spray

P280: Wear protective gloves/protective clothing/eye protection/face protection

P272: Contaminated work clothing should not be allowed out of the workplace

P362+364: Take off contaminated clothing and wash it before reuse

P202: Do not handle until all safety precautions have been read and understood

P302+352: IF ON SKIN: Wash with soap and water

P333+313: If skin irritation or a rash occurs: Get medical advice/attention

P308+313: IF exposed or concerned: Get medical advice/attention

P405: Store locked up

P501: Dispose of contents/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
Calcium Carbonate	1317-65-3	15.00-40.00
Crystalline Silica, Quartz	14808-60-7	0.10-1.00
Methylphenyl)-w-hydroxy-poly(oxy(methyl-1,2-ethanediyl),	9064-13-5	0.10-1.00

*Refer to Section 8 for Occupational Exposure Guidelines.*

**SECTION 4 – FIRST-AID MEASURES**

**Inhalation:**

If symptoms are experienced, 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 lean forward to reduce risk of aspiration. 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.

**Note to Physician:**

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

## SECTION 5 – FIRE-FIGHTING MEASURES

**Extinguishing Media:**

Foam, water spray, dry chemical, carbon dioxide.

**Special Fire Fighting Procedures:**

Not available.

**Unusual Fire and Explosion Hazards:**

Sensitivity to static discharge is not expected.

**Hazardous Combustion Products:**

Carbon monoxide and/or carbon dioxide. Aldehydes, ketones, organic acids, nitrogen oxides sulphur oxides.

## 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.

**Environmental Precautions:**

Prevent further leakage or spillage if safe to do so. Dike and contain spills. Do not let product enter drains.

**Methods and Materials for Containment and Clean Up:**

Contain and/or dike spills. Absorb with inert material, place in a suitable container. Report and dispose of according to local regulations.

## SECTION 7 – HANDLING AND STORAGE

**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.

**Handling:**

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

## 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.

**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 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.

**SECTION 9 – PHYSICAL / CHEMICAL PROPERTIES**

**Physical State:** ..... Liquid  
**Appearance/Odour:** ..... Neutral, off-white to grey with mild odour  
**Odour Threshold:**..... Not available  
**Viscosity:** ..... 70-90 seconds, Ford Cup #4  
**Vapour Density (AIR=1):**..... Not available  
**Boiling Point:**..... >100°C  
**Melting/Freezing Point:** ..... 0°C est.  
**Vapour Pressure:** ..... Not available  
**Evaporation Rate:** ..... Not available  
**Specific Gravity:**..... 1.2800 +/- 0.01 gms/CC @ 25°C  
**Solubility in Water:** ..... No data  
**% Non-Volatile:**..... 52% +/- 2 w/w  
..... 37% +/- 2 w/v  
**Coeff. Water/Oil Dist.:** ..... Not available  
**VOC** ..... 77 g/L  
**Flashpoint:**..... >100°C  
**Autoignition Temp:** ..... Not applicable  
**Upper Flammable Limit:** ..... Not available  
**Lower Flammable Limit:**..... Not available

**SECTION 10 – STABILITY AND REACTIVITY**

**Stability:**  
Stable under normal conditions. Hazardous polymerization not expected.

**Hazardous Decomposition Products:**  
Carbon monoxide and/or carbon dioxide and nitrogen oxides. Aldehydes, ketones.

**Materials to Avoid:**  
Avoid contact with water reactive materials, heat or contact with peroxides or other catalysts. Strong oxidizing agents. Strong acids, strong bases, alkalis, fluorine, aluminum, copper and some galvanized metals and ammonium salts.

**Hazardous Reactions:**  
No data.

**Conditions to Avoid:**  
Freezing and/or cold temperatures.

<b>SECTION 11 – TOXICOLOGICAL INFORMATION</b>
---

HAZARDOUS INGREDIENT	LD50	LC50	HRS
Dipropylene Glycol Monomethyl Ether	5152 mg/kg	not available	-
2-propanol, 1-propoxy-	2490 mg/kg	not available	-
Calcium Carbonate	5000 mg/kg	not available	-
Crystalline Silica, Quartz	not available	not available	-
Methylphenyl)-w-hydroxy-poly(oxy(methyl-1,2-ethanediyl),	not available	not available	-

**Skin corrosion/irritation:**

Not classified as a skin irritant.

**Serious eye damage/irritation:**

Not classified as an eye irritant.

**Respiratory or skin sensitization:**

Contains a possible 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.

**Reproductive toxicity:**

Not classified as a reproductive toxicant.

**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):**

May cause lung effects.

**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. Studies have linked excessive inhalation of calcium carbonate and crystalline silica, quartz in dust form with chronic respiratory disease. 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:**

Can cause allergic skin reactions.

**Eyes:**

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

**Signs and Symptoms of Exposure:**

No symptoms expected under normal working conditions.

**Synergistic effects:**

No data.

**Additional information:**

Crystalline silica may cause delayed chronic lung injury (silicosis). It is also classified as a human carcinogen in the form of fine, breathable particles. 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**

**Environmental Fate and Distribution:**

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

**Aquatic toxicity:**

LC50 (Oncorhynchus Mykiss) >100 mg/L, static, 96H, OECD Test Guideline 203 est. (2-propanol, 1-propoxy-)

**Persistence and degradability:**

No data.

**Bioaccumulative potential:**

No data.

**Mobility in soil:**

No data.

**Other adverse effects:**

No data.

**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 March 27, 2019 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**

**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

The information contained in this form is based on data from sources considered to be reliable but Katilac Coatings Inc. does not guarantee the accuracy or completeness thereof. The information is provided as a service to persons purchasing or using the material to which it refers and Katilac Coatings Inc. expressly disclaims all liability for loss or damage, including consequential loss, or for injury to persons (including death) arising directly or indirectly from reliance upon the information or use of the material.