



**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) 1-613-996-6666  
**Poison Control:**..... 800-268-9017  
**Revision Date:**..... July 26, 2016  
**Print Date:**..... July 28, 2016  
**Version Number:**..... 1  
**Product:** ..... B7101 HERITAGE WIPING STAIN  
**Product Use:** ..... WIPING STAIN  
FOR INDUSTRIAL USE ONLY

**SECTION 2 – HAZARDS IDENTIFICATION**

**Emergency Overview**

**Target Organs:**

Respiratory system, central nervous system, skin, eyes, reproductive system.

**WHMIS Classification:**

B2 - FLAMMABLE LIQUID  
D2A - TOXIC (EMBRYOTOXIC/FETOTOXIC)  
D2B - TOXIC (EYE AND SKIN IRRITANT)

**GHS Classification:**

Flammable Liquids (Cat. 3)  
Acute Toxicity Inhalation (Cat. 4)  
Skin Irritation (Cat. 2)  
Eye Irritation (Cat. 2A)  
Carcinogenicity (Cat. 2)  
Reproductive Toxicity (Cat. 2)  
Specific Target Organ Toxicity- Single Exposure (Cat. 3) - Central Nervous System, Respiratory Irritation  
Aspiration Hazard (Cat. 1)

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## GHS Label Elements, including precautionary statements:

### Pictogram:



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

### Hazard Statement(s):

- H226: Flammable liquid and vapour
- H332: Harmful if inhaled
- H315: Causes skin irritation
- H319: Causes serious eye irritation
- H351: Suspected of causing cancer
- H361: Suspected of damaging fertility or the unborn child
- H335: May cause respiratory irritation
- H336: May cause drowsiness or dizziness
- H304: May be fatal if swallowed and enters airways

### Precautionary Statement(s):

- P210: Keep away from heat/sparks/open flames/hot surfaces – No smoking
- P233: Keep container tightly closed
- P240: Ground/bond container and receiving equipment
- P241: Use explosion-proof electrical/ventilating/lighting/equipment
- P242: Use only non-sparking tools
- P243: Take precautionary measures against static discharge
- P280: Wear protective gloves/protective clothing/eye protection/face protection
- P261: Avoid breathing dust/fume/gas/mist/vapours/spray
- P271: Use only in a well-ventilated area
- P264: Wash skin thoroughly after handling
- P201: Obtain special instructions before use
- P202: Do not handle until all safety precautions have been read and understood
- P370+378: In case of fire: Use foam, water fog, dry chemical and/or carbon dioxide for extinction
- P303+361+353: IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower
- P362+364: Take off contaminated clothing and wash it before reuse
- P332+313: If skin irritation occurs: Get medical advice/attention
- P304+340: IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing
- P312: Call a POISON CENTER or doctor/physician if you feel unwell
- P305+351+338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do – continue rinsing
- P337+313: If eye irritation persists get medical advice/attention
- P308+313: IF exposed or concerned: Get medical advice/attention
- P301+310: IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician
- P331: Do NOT induce vomiting
- P403+235: Store in a well ventilated place. Keep cool
- P405: Store locked up
- P501: Dispose of contents/container to comply with local, provincial, state, and federal regulations.

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### SECTION 3 – COMPOSITION / INFORMATION ON INGREDIENTS

HAZARDOUS INGREDIENT	CAS NUMBER	%
Xylene	1330-20-7	41.04-42.13
Ethyl Benzene	100-41-4	7.87-8.30
Solvent Naphtha (Petroleum), Heavy Aromatic	64742-94-5	22.60
Solvent Naphtha (Petroleum), Light Aromatic	64742-95-6	18.00
1-methoxy-2-propanol	107-98-2	2.67

Refer to Section 8 for Occupational Exposure Guidelines.

### SECTION 4 – FIRST-AID MEASURES

#### Inhalation:

This product is (extremely) flammable. Take proper precautions (e.g. remove any sources of ignition). If breathing is stopped, trained personnel should begin artificial respiration (AR) or, if the heart has stopped, immediately start cardiopulmonary resuscitation (CPR) or automated external defibrillation (AED). Quickly transport victim to an emergency care facility.

#### Ingestion:

Never give anything by mouth if victim is rapidly losing consciousness, or is unconscious or convulsing. Have victim rinse mouth thoroughly with water. 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. Immediately obtain medical attention.

#### Eyes:

Immediately flush the contaminated eye(s) with lukewarm, gently flowing water for 15-20 minutes, while holding the eyelid(s) open. If a contact lens is present, do not delay irrigation or attempt to remove the lens. Take care not to rinse contaminated water into the unaffected eye or onto the face. Immediately obtain medical attention.

#### Skin:

As quickly as possible, remove contaminated clothing, shoes, and leather goods (e.g. watchbands, belts). Immediately flush with lukewarm, gently flowing water for 15-20 minutes. If irritation persists, repeat flushing. Obtain medical advice. Completely decontaminate clothing, shoes and leather goods before reuse or discard.

#### Note to Physician:

Aspiration of liquid into lungs is main hazard as it may produce chemical pneumonitis. Treatment based on sound judgement of physician and individual reactions of patient.

### SECTION 5 – FIRE-FIGHTING MEASURES

#### Extinguishing Media:

Foam, water fog, dry chemical, carbon dioxide.

#### Special Fire Fighting Procedures:

Use water spray to cool fire-exposed containers or structures. Product will float and can be reignited on surface of water.

#### Unusual Fire and Explosion Hazards:

Vapours and/or fumes from this product are heavier than air and may travel to a source of ignition and flash back causing explosion and fire. Never use welding or cutting torch on, or near drum (even empty) as product (even residue) can ignite explosively. All containers, including pails,

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drums, tank cars & trucks should be grounded and/or bonded when material is transferred. When using this product it is important that the gas at main leading to the premises must be shut off. All other ignition sources must be completely eliminated. In reference to the Ontario Fire Code Section 4.1.5.9(1), states that this product shall not be stored, handled or used in basements or pits.

### **Hazardous Combustion Products:**

Carbon oxides, nitrogen oxide, formaldehyde, sulphur oxides and smoke.

## SECTION 6 – ACCIDENTAL RELEASE MEASURES

### **Personal Precautions:**

Use personal protective equipment. Avoid breathing vapours, mist or gas. Ensure adequate ventilation. Remove all sources of ignition. Evacuate personnel to safe areas. Beware of vapours accumulating to form explosive concentrations.

### **Environmental Precautions:**

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

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

Contain and/or dyke 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.

### **Handling:**

Use in a well ventilated area. Avoid contact with skin and eyes. Avoid inhalation of vapour or mist. Use explosion-proof tools, equipment, and ventilation system. Keep away from sources of ignition. Take measures to prevent the build-up of electrostatic charge. Always ground and bond containers.

## SECTION 8 – EXPOSURE CONTROLS / PERSONAL PROTECTION

**Threshold Limit Value:**..... 150 ppm ACGIH STEL. est. (Xylene)

### **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.

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### 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, flame retardant, antistatic protective 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:** ..... Clear, brown liquid with solvent odour

**Odour Threshold:** ..... Not available

**Vapour Density (AIR=1):** ..... Heavier than air

**Boiling Point:** ..... 119°C est. (1-methoxy-2-propanol)

**Melting/Freezing Point:** ..... Not available

**Vapour Pressure:** ..... Not available

**Evaporation Rate:** ..... Not available

**Specific Gravity:** ..... 0.88

**Solubility in Water:** ..... Negligible

**Coeff. Water/Oil Dist.:** ..... Not available

**Flashpoint:** ..... 26-29°C T.C.C. est. (Xylene)

**Autoignition Temp:** ..... Not available

**Upper Flammable Limit:** ..... 16.00% est. (1-methoxy-2-propanol)

**Lower Flammable Limit:** ..... 0.6% est. (Solvent Naphtha (Petroleum) Light Aromatic)

## SECTION 10 – STABILITY AND REACTIVITY

### Stability:

Stable.

### Hazardous Decomposition Products:

Carbon monoxide and/or carbon dioxide.

### Materials to Avoid:

Strong oxidizing agents and strong acids.

### Hazardous Reactions:

No data.

### Conditions to Avoid:

Heat, flames and sparks.

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<b>SECTION 11 – TOXICOLOGICAL INFORMATION</b>
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HAZARDOUS INGREDIENT	LD50	LC50	HRS
Xylene	3523 mg/kg	6350 ppm	4
Ethyl Benzene	3500 mg/kg	4000 ppm	-
Solvent Naphtha (Petroleum), Heavy Aromatic	> 6000 mg/kg	> 17.1 mg/L (mist)	4
Solvent Naphtha (Petroleum), Light Aromatic	> 5000 mg/kg	> 7.36 mg/L	4
1-methoxy-2-propanol	11700 mg/kg	19843 ppm	4

**Skin corrosion/irritation:**

Classified as a skin irritant.

**Serious eye damage/irritation:**

Classified as an eye irritant

**Respiratory or skin sensitization:**

Not classified as a sensitization hazard.

**Germ cell mutagenicity:**

Not expected.

**Carcinogenicity:**

IARC has classified Ethyl Benzene as a possible human carcinogen, Group 2B.

**Reproductive toxicity:**

Excessive exposure during pregnancy may be hazardous to the developing fetus. May cause fetotoxic effects at doses which are not maternally toxic, based on animal studies.

**Teratogenicity:**

High exposures to xylene in some animal studies, often at levels toxic to the mother, but not in all cases, affected embryo/fetal development. The significance of this finding to humans is not known.

**Specific target organ toxicity (single exposure):**

May cause central nervous system depression. May cause respiratory system irritation.

**Specific target organ toxicity (repeated exposure):**

Not classified as a repeat exposure hazard.

**Aspiration hazard:**

Classified as an aspiration hazard.

**Potential Health Effects:**

**Inhalation:**

Prolonged exposure to high vapour concentration can lead to central nervous system depression. signs of this include headache, nausea, dizziness, blurred vision and incoordination. Chronic overexposure/solvent abusers show signs of hearing loss as well as damage to the brain, liver and kidney. Overexposure to xylene causes mid frequency hearing loss in lab animals.

**Ingestion:**

Causes irritation, a burning sensation of the mouth, throat and abdominal pain. May cause central nervous system (cns) depression, dizziness, headache, diarrhea, nausea and vomiting. Aspiration of material into the lungs can cause chemical pneumonitis which can be fatal.

**Skin:**

Prolonged or repeated contact can cause irritation, defatting, dermatitis. May be absorbed.

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**Eyes:**

Causes moderate irritation, redness, tearing, swelling and blurred vision.

**Signs and Symptoms of Exposure:**

Can cause central nervous system effects, including dizziness, weakness, fatigue, nausea, headache, blurred vision and possible unconsciousness.

**Synergistic effects:**

Not available.

**Additional information:**

Overexposure can cause blood abnormalities, kidney, lung, auditory and cns damage. Blood platelet count may be reduced on exposure to xylene which is reversible when exposure is stopped.

### 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.

**Aquaticity:**

LC50 (Oncorhynchus Mykiss) 2.661-4.093 mg/L, 96H, static est. (Xylene)  
LC50 (Pimephales Promelas) 13.4 mg/L, 96H, flow-through est. (Xylene)

**Persistence and degradability:**

No data.

**Bioaccumulative potential:**

No data.

**Mobility in soil:**

No data.

**Other adverse effects:**

Toxic to aquatic life with potentially long lasting effects.

### 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):** .....CLASS 3 UN1263 III

**Proper Shipping Name (Ground Only):** .....PAINT

*A scientific determination was concluded based on formulation ingredients on July 26, 2016 to define the Transportation of Dangerous Goods Classifications.*

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## 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 MSDS 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 CONCENTRAION  
LD: ..... LETHAL DOSE  
TDG: ..... TRANSPORTATION OF DANGEROUS GOODS  
TWA: ..... TIME WEIGHTED AVERAGE  
VOC: ..... VOLATILE ORGANIC COMPOUND

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