



**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:**..... 1-800-268-9017

**Revision Date:**..... September 24, 2018  
**Print Date:**..... January 22, 2021  
**Version Number:**..... 3

**Product:** ..... T4409 LACQUER THINNER  
**Product Use:** ..... INDUSTRIAL THINNER  
FOR INDUSTRIAL USE ONLY

**SECTION 2 – HAZARDS IDENTIFICATION**

**Emergency Overview**

**Target Organs:**

Kidney, liver, central nervous system, respiratory system, reproductive system, eyes, skin.

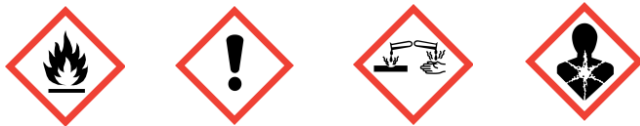
**GHS Classification:**

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

## Safety Data Sheet - T4409 LACQUER THINNER

### GHS Label Elements, including precautionary statements:

#### Pictogram:



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

#### **Hazard Statement(s):**

H225: Highly flammable liquid and vapour

H302: Harmful if swallowed

H315: Causes skin irritation

H318: Causes serious eye damage

H361: Suspected of damaging fertility or the unborn child

H336: May cause drowsiness or dizziness

H335: May cause respiratory irritation

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

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

P264: Wash skin thoroughly after handling

P270: Do not eat, drink or smoke when using this product

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

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

P271: Use only in a well-ventilated area

P303+361+353: IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower

P332+313: If skin irritation occurs: Get medical advice/attention

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

P301+310: IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician

P330: Rinse mouth

P331: Do NOT induce vomiting

P305+351+338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do – continue rinsing

P310: Immediately call a POISON CENTER or doctor/physician

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

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

P403+235: Store in a well ventilated place. Keep cool

P405: Store locked up

P370+378: In case of fire: Use foam, water fog, dry chemical and/or carbon dioxide to extinguish

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	%
Isobutyl Acetate	110-19-0	30.00-60.00
Toluol	108-88-3	10.00-30.00
Butanol	71-36-3	10.00-30.00

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 lean forward to reduce risk of aspiration. Have victim rinse mouth with water again. Immediately obtain medical attention.

#### Eyes:

Avoid direct contact. Wear chemical protective gloves if necessary. Immediately flush the contaminated eye(s) with lukewarm, gently flowing water for at least 30 minutes, while holding the eyelid(s) open. If a contact lens is present, do not delay irrigation or attempt to remove the lens. Neutral saline solution may be used as soon as it is available. Do not interrupt flushing. If necessary, continue flushing during transport to emergency care facility. Take care not to rinse contaminated water into the unaffected eye or onto face. Quickly transport victim to a emergency care facility.

#### 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:

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

### SECTION 5 – FIRE-FIGHTING MEASURES

#### Extinguishing Media:

Carbon dioxide, alcohol foam, water fog, dry chemical.

#### Special Fire Fighting Procedures:

Use water spray to cool fire-exposed containers or structures.

#### 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, drums, tank cars & trucks should be grounded and/or bonded when material is transferred.

#### Hazardous Combustion Products:

Carbon monoxide and/or carbon dioxide.

**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. 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.

**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:**..... 20 ppm ACGIH est. (Toluene)

**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, 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.

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### 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, colourless with solvent odour  
**Odour Threshold:** ..... Not available  
**Vapour Density (AIR=1):** ..... Heavier than air  
**Boiling Point:** ..... 110°C est. (Toluene)  
**Melting/Freezing Point:** ..... -89°C est. (Butanol)  
**Vapour Pressure:** ..... Not available  
**Evaporation Rate:** ..... Not available  
**Specific Gravity:** ..... 0.8500  
**Solubility in Water:** ..... Slight  
**Coeff. Water/Oil Dist.:** ..... Not available  
**Flashpoint:** ..... 4.4°C Setaflash C.C. est. (Toluene)  
**Autoignition Temp:** ..... 343°C est. (Butanol)  
**Upper Flammable Limit:** ..... 11.2% est. (Butanol)  
**Lower Flammable Limit:** ..... 1.2% est. (Toluene)

### SECTION 10 – STABILITY AND REACTIVITY

#### Stability:

Stable.

#### Hazardous Decomposition Products:

Carbon monoxide and/or carbon dioxide.

#### Materials to Avoid:

Strong acids, bases and oxidizers. Alkalis, halogens, some rubbers.

#### Hazardous Reactions:

No data.

#### Conditions to Avoid:

Heat, flames and sparks.

### SECTION 11 – TOXICOLOGICAL INFORMATION

HAZARDOUS INGREDIENT	LD50	LC50	HRS
Isobutyl Acetate	13413 mg/kg	not available	-
Toluol	>5580 mg/kg	28.1 mg/L	4
Butanol	790 mg/kg	8000 ppm	4

#### Skin corrosion/irritation:

Rabbit - skin irritation - 24 hour

#### Serious eye damage/irritation:

A component of this product tested: Rabbit - blindness - OECD test guideline 405

#### Respiratory or skin sensitization:

Not classified as a sensitization hazard.

#### Germ cell mutagenicity:

Not expected to be mutagenic in humans.

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**Carcinogenicity:**

No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

**Reproductive toxicity:**

Excessive exposure during pregnancy may be hazardous to the developing fetus. Experiments have shown reproductive toxicity effects in male and female lab animals.

**Teratogenicity:**

Components in this product show developmental toxicity - rat/oral effects on embryo or fetus, fetotoxicity (except death eg. stunted fetus)

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

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

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

May cause liver and/or kidney effects.

**Aspiration hazard:**

Classified as an aspiration hazard.

**Potential Health Effects:****Inhalation:**

Excessive inhalation of vapours can cause nasal and respiratory irritation. Prolonged exposure to high vapour concentration can lead to central nervous system depression. Signs of this include headache, nausea, dizziness, blurred vision and incoordination.

**Ingestion:**

Can cause gastrointestinal irritation, nausea, vomiting, and diarrhea. Liquid aspirated into the lungs can cause lung inflammation and lung injury.

**Skin:**

Prolonged and repeated contact can cause defatting and drying of the skin resulting in irritation and dermatitis.

**Eyes:**

Irritating, may cause a burning sensation, redness, swelling, and/or blurred vision. Can injure eye tissue.

**Signs and Symptoms of Exposure:**

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

**Synergistic effects:**

No data.

**Additional information:**

May cause central nervous system (CNS) depression. CNS depression is characterized by headache, dizziness, nausea, vomiting and incoordination.

### 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.

**Aquatotoxicity:**

LC50 (Pimephales Promelas) 5.89-7.81 mg/L, 96H est. (Toluene)

LC50 (Oryzias Latipes) 17 mg/L, 96H, OECD Test Guideline est. (Isobutyl Acetate)

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**Persistence and degradability:**

No data.

**Bioaccumulative potential:**

No data.

**Mobility in soil:**

No data.

**Other adverse effects:**

May be toxic to aquatic life.

**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 II

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

*A scientific determination was concluded based on formulation ingredients on September 24, 2018 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

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