



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

**Manufacturer/Supplier:** ..... KATILAC COATINGS INC.  
391 HANLAN ROAD, UNIT #1, WOODBRIDGE, ONTARIO L4L 3T1  
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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:**..... January 22, 2021  
**Print Date:**..... January 22, 2021  
**Version Number:**..... 3

**Product:** ..... T4424 LACQUER THINNER FAST  
**Product Use:** ..... INDUSTRIAL SOLVENT  
FOR INDUSTRIAL USE ONLY

**SECTION 2 – HAZARDS IDENTIFICATION**

**Emergency Overview**

**Target Organs:**

Central nervous system, eyes, skin, reproductive system, optic nerve, liver, kidney.

**GHS Classification:**

Flammable Liquids (Cat. 2)  
Skin Irritation (Cat. 2)  
Eye Irritation (Cat. 2A)  
Reproductive Toxicity (Cat. 2)  
Specific Target Organ Toxicity- Single Exposure (Cat. 3) - Central Nervous System  
Specific Target Organ Toxicity- Single Exposure (Cat. 2) - Ingestion may damage optic nerve  
Specific Target Organ Toxicity - Repeated Exposure (Cat. 2) - Liver, kidney  
Aspiration Hazard (Cat. 1)

# Safety Data Sheet - T4424 LACQUER THINNER FAST

## GHS Label Elements, including precautionary statements:

### Pictogram:



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

### Hazard Statement(s):

H225: Highly flammable liquid and vapour  
H315: Causes skin irritation  
H319: Causes serious eye irritation  
H361: Suspected of damaging fertility or the unborn child  
H336: May cause drowsiness or dizziness  
H371: May cause damage to organs - ingestion may damage optic nerve  
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  
P260: Do not breathe dust/fume/gas/mist/vapours/spray  
P270: Do not eat, drink or smoke when using this product  
P271: Use only in a well-ventilated area  
P202: Do not handle until all safety precautions have been read and understood  
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  
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  
P304+340: IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing  
P308+311: IF exposed or concerned: Call a POISON CENTER/doctor  
P314: Get Medical advice/attention if you feel unwell  
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  
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	%
Toluene	108-88-3	45.00-70.00
Methanol	67-56-1	5.00-10.00
Ethyl Acetate	141-78-6	15.00-40.00

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). Take proper precautions to ensure your own safety before attempting rescue (e.g. wear appropriate protective equipment, use the buddy system). 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:

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:

Treatment should be based on sound judgement of physician and individual reactions of patient. Consult a poison control centre for guidance.

### 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.

#### 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 cans, 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:** ..... 64.7°C est. (Methanol)  
**Melting/Freezing Point:** ..... -84°C est. (Ethyl Acetate)  
**Vapour Pressure:** ..... Not available  
**Evaporation Rate:** ..... Not available  
**Specific Gravity:** ..... 0.8700  
**Solubility in Water:** ..... Not available  
**Total VOC's:** ..... 870 grams per litre  
**Coeff. Water/Oil Dist.:** ..... Not available  
**Flashpoint:** ..... -4.5°C est. (Ethyl Acetate)  
**Autoignition Temp:** ..... 427°C est. (Ethyl Acetate)  
**Upper Flammable Limit:** ..... 36.0% est. (Methanol)  
**Lower Flammable Limit:** ..... 1.2% est. (Toluene)

## SECTION 10 – STABILITY AND REACTIVITY

### Stability:

Stable, except under fire conditions.

### Hazardous Decomposition Products:

Carbon monoxide and/or carbon dioxide.

### Materials to Avoid:

Strong oxidizing agents, alkalies, mineral acids. Peroxides, some metals and their alloys, isocyanates, amines, sodium hydroxide, strong bases, some plastics and coatings. Violent explosion can occur between ethyl acetate and lithium aluminum.

### Hazardous Reactions:

No data.

### Conditions to Avoid:

Heat, flames and sparks.

## SECTION 11 – TOXICOLOGICAL INFORMATION

HAZARDOUS INGREDIENT	LD50	LC50	HRS
Toluene	>5580 mg/kg	12500-28800 mg/m3	4
Methanol	5628 mg/kg	64000 ppm	4
Ethyl Acetate	5620 mg/kg	19600 ppm	4

### Skin corrosion/irritation:

Rabbit - mild skin irritation - OECD Test Guideline 404

### Serious eye damage/irritation:

Classified as an eye irritant.

### Respiratory or skin sensitization:

Not classified as a sensitization hazard.

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**Germ cell mutagenicity:**

Not expected to be mutagenic in humans.

**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:**

May cause fetotoxic and/or embryotoxic effects at maternally toxic levels.

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

May cause central nervous system depression. Ingestion may cause damage to the optic nerve.

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

May cause liver and/or kidney effects.

**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.

**Ingestion:**

Irritation, abdominal pain, and burning sensation in mouth, throat, and respiratory tract; may cause CNS depression, visual disturbances, blindness, nausea, vomiting, systemic poisoning. Contains methanol. Cannot be made non-poisonous. Swallowing even small amounts of methanol may cause blindness.

**Skin:**

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

**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:**

May cause central nervous system (CNS) depression. CNS depression is characterized by headache, dizziness, nausea, vomiting and incoordination. Contains Methanol. Cannot be made non-poisonous. Swallowing even small amounts of Methanol can cause blindness.

### 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) 7.63 mg/L, 96H est. (Toluene)

LC50 (Pimephales Promelas) 230 mg/L, 96H est. (Ethyl Acetate)

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**Persistence and degradability:**

Readily biodegradable.

**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 May 29, 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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