

Industrial Lacquer- I-LAQ 300

Section 1. Identification

Common name: Lacquer Gloss / Semi-gloss / Satin / Matte

Product Code: 60370 / 60371 / 60372 / 60373

Synonym: I-LAQ 300

Material uses: The industrial Lacquer is waterborne polyurethane for spray application.

Supplier / Manufacturer:

Produits de Plancher Finitec Inc.

150, rue Léon-Vachon

Saint-Lambert-de-Lauzon

Québec, Canada, G0S 2W0

Phone: 418-889-9910

Fax: 418-889-9915

In case of emergency:

CANUTEC: (613) 996-6666

Or call your local Emergency Health Services Center.

Section 2. Hazards identifications

Classification:

None

Signal word: None

Hazard statements:

None

Precautionary statements:

None

Section 3. Composition and information on ingredients

Name	CAS	Concentration %
Dipropylene glycol monomethyl ether	34590-94-8	3 - 7
Glycol propylene	57-55-6	1 - 5
Tripropylene glycol methyl ether	25498-49-1	1 - 5
Ethylene glycol, mono(2-ethylhexyl) ether	1559-35-9	1 - 5
Triethylamine	121-44-8	0.1 - 1.0

Section 4. First aid measures

Description of first aid if required:

Move out of dangerous area. Consult a physician. Show this safety data sheet to the doctor in attendance.

Eye contact:

Rinse eyes thoroughly with water for at least 15 minutes.

Skin contact:

Flush contaminated area with water for at least 15 minutes.

Inhalation:

Bring the conscious victim to fresh air.

Ingestion:

Do NOT induce vomiting.

Indication of immediate medical attention and special treatment needed, if necessary:

Symptomatic treatment required.

Most important acute symptoms and effects:

No known acute effects and/or symptoms.

Most important delayed symptoms and effects:

No known chronic effects and/or symptoms.

Section 5. Firefighting measures

Flammability of the product:

Non-flammable

Flash point:

N/A

Auto-ignition temperature:

N/A

Products of combustion:

Carbon oxides

Special protective actions for fire-fighters:

Wear self-contained breathing apparatus and appropriate protective clothing.

Suitable extinguishing media:

Use means of extinction the most suited to the surrounding materials.

Section 6. Accidental release measures

Personal precautions, protective equipment and emergency procedures:

For non emergency personnel: Evacuate the area.

For emergency personnel: Splash goggles, full suit, chemical resistant gloves. A self-contained breathing apparatus is recommended to avoid inhalation of the product. Suggested protective clothing might not be sufficient. Consult a specialist before handling this product.

Environmental precautions:

Do not let product enter drains.

Methods and material for containment and cleaning up:

Use appropriate tools to put the spilled solid in a convenient waste disposal container.

Section 7. Handling and storage

Precautions in Handling:

Do not ingest. Do not breathe vapours. Wear suitable protective clothing. In case of insufficient ventilation, wear suitable respiratory equipment. Avoid contact with skin and eyes.

Precautions in Storage:

Keep container tightly closed in a cool, dry and well-ventilated place.

Section 8. Exposure Controls, Personal Protections

Control parameters:

Component	CAS	Value	Control parameters	Basis
Dipropylene glycol monomethyl ether	34590-94-8	TWA	100 ppm	RSST (Quebec)
		STEL	150 ppm	RSST (Quebec)
Triethylamine	121-44-8	TWA	5 ppm	RSST (Quebec)
		STEL	15 ppm	RSST (Quebec)

Engineering controls:

Use mechanical exhaust or laboratory fumehood to avoid exposure.

Personal protective equipment:

Eyes: Wear safety glasses.

Skin/body: Wear a lab coat or any other appropriate protective clothing.

Respiratory: If ventilation is insufficient, choose appropriate respiratory protection according to levels and duration of exposure.

Hands: Wear chemical resistant protective gloves.

Section 9. Physical and chemical properties

Physical state: Liquid

Color: White

Odour: Slight

Melting point/Freezing point: Data not available

Boiling point: Data not available

Appearance: Opaque

Flash point: Data not available

Auto-ignition temperature: Data not available

pH: 8.4 ± 0,4

Kinematic viscosity: 23-25 seconds (ZAHN #2)

Solubility: Miscible in water

Density: 1.04 -1.05

Volatility: 70 ± 2 % (w/w)

Section 10. Stability and reactivity

Chemical reactivity: Stable under recommended storage conditions.

Possibility of hazardous reactions: Hazardous polymerization does not occur.

Conditions to avoid: High temperatures, contact with incompatible materials.

Incompatible materials: Oxidizing agents, strong acids, metal alkyd, nitrites and other strong reducing agents

Hazardous decomposition products: Carbon oxides, trace of component elements.

Section 11. Toxicological information

Acute toxicity:

Component	CAS	Value
Dipropylene glycol monomethyl ether	34590-94-8	DL ₅₀ Oral: Rat = 5230 mg/kg DL ₅₀ Cutaneous: Rabbit = 9500 mg/kg
Glycol propylene	57-55-6	DL ₅₀ Oral: Rat = 21700 mg/kg DL ₅₀ Oral: Mouse = 24800 mg/kg DL ₅₀ Oral: Dog = 22000 mg/kg DL ₅₀ Oral: Rabbit = 19300 mg/kg DL ₅₀ Cutaneous: Rabbit = 20800 mg/kg CL ₅₀ Inhalation: Rat - = 44900 mg/m ³ 4h
Tripropylene glycol methyl ether	25498-49-1	DL ₅₀ Oral: Rat = 3500 mg/kg DL ₅₀ Cutaneous: Rabbit = 15440 mg/kg
Ethylene glycol, mono(2-ethylhexyl) ether	1559-35-9	DL ₅₀ Oral: Rat = 3080 mg/kg DL ₅₀ Cutaneous: Rabbit = 1870 mg/kg
Triethylamine	121-44-8	DL ₅₀ Oral: Rat = 460 mg/kg DL ₅₀ Cutaneous: Rabbit = 580 mg/kg CL ₅₀ Inhalation: Mouse - = 1027 ppm 4h

Skin corrosion/irritation:

Ethylene glycol, mono(2-ethylhexyl) ether: Causes skin irritation.

Triethylamine: Causes severe skin burns and eye damage

Serious eye damage/irritation:

Ethylene glycol, mono(2-ethylhexyl) ether: Causes serious eye irritation.

Triethylamine: Causes serious eye damage

Respiratory or skin sensitisation:

Not applicable

Gem cell mutagenicity:

Not applicable

Carcinogenicity:

Not applicable

Reproductive toxicity:

Not applicable

STOT- Single exposure:

Not applicable

STOT- repeated exposure:

Not applicable

Aspiration hazard:

Not applicable

Information on likely route of exposure:

Skin, eyes, inhalation and ingestion

Section 12. Ecological information

Ecological data for aquatic environments:

Component	CAS	Value
Tripropylene glycol methyl ether	25498-49-1	CL ₅₀ - Pimephales promelas (fathead minnow) 11619 mg/L -96h CL ₅₀ - Daphnia magna 10000 mg/L - 48h
Triethylamine	121-44-8	CL ₅₀ - Oryzias latipes 24 mg/L - 96h

Persistence and degradability:

Data not available

Bioaccumulative potential:

Data not available

Mobility in soil:

Data not available

Other adverse effects:

Data not available

Section 13. Disposal considerations

Waste disposal:

Dispose of the chemical waste is in conformity with the federal, provincial and local laws. Store the residues of the product in safe containers. Place the containers in storage area of dangerous chemical waste.

Section 14. Transportation information

No TDG/DOT/IMDG/IATA Classification

Section 15. Regulatory information

NFPA Classification:



Health: 1
Flammable: 0
Reactivity: 0
Specials conditions: 0

Legend: 4: Severe, 3: High, 2: Moderate, 1: Slightly, 0: Not hazardous

U.S. Federal regulations

California proposition 65 requirements: No ingredient listed.

SARA section 313 (specific toxic chemical listings): Triethylamine (CAS #121-44-8)

Classification REACH (EU)

REACH - Registration, Evaluation, Authorisation and Restriction of Chemical substances REACH Data:

EC	CAS	Substance	Full	OSII	TII
247-045-4	25498-49-1	Tripropylene glycol methyl ether	Yes	-	-
200-338-0	57-55-6	Glycol propylene	Yes	-	-
216-323-7	1559-35-9	Ethylene glycol, mono(2-ethylhexyl) ether	Yes	-	-
252-104-2	34590-94-8	Dipropylene glycol monomethyl ether	Yes	-	-
204-469-4	121-44-8	Triethylamine	Yes	-	-

Section 16. Additional information

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Elaborated by:

Finitec

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