

SECTION 1: IDENTIFICATION

Product Name	PREMIUM LACQUER THINNER
Product Code #	650870.00
Manufacturer	Gemini Industries, Inc.
Address	421 SE 27th Street El Reno, OK 73036
Phone	Local: (800) 262-5710 Toll Free: (800) 444-7833
Emergency Contact	CHEMTREC (24HR Emergency Telephone), call: 1-800-424-9300 International CHEMTREC, call: 1-800-255-3924
Recommended Use/Restrictions	

SECTION 2: HAZARD(S) IDENTIFICATION

Classifications	Acute Toxicity - Oral: Category 3 Acute Toxicity - Inhalation: Category 4 Skin Corrosion: Category 2 Eye Damage/Irritant: Category 2 Reproductive Toxicity: Category 2 STOT Single Exposure: Category 3 STOT Repeated Exposure: Category 2 Aspiration: Category 1 Flammable Liquid: Category 2
------------------------	------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

Pictograms	   
-------------------	-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

Signal Word	Danger
--------------------	--------

Hazard Statements	<p>H301 Toxic if swallowed.</p> <p>H332 Harmful if inhaled.</p> <p>H315 Causes skin irritation.</p> <p>H319 Causes serious eye irritation.</p> <p>H361 Suspected of damaging fertility or the unborn child.</p> <p>H335 May cause respiratory irritation.</p> <p>H373 May Cause damage to organs through prolonged or repeated exposure.</p> <p>H304 May be fatal if swallowed and enters airways.</p> <p>H225 Highly flammable liquid and vapor.</p>
--------------------------	-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

Precautionary Statements	<p>P210 Keep away from heat/sparks/open flames/hot surfaces. - No smoking.</p> <p>P233 Keep container tightly closed.</p> <p>P240 Ground/bond container and receiving equipment.</p> <p>P241 Use explosion-proof electrical/ventilating/lighting/other equipment.</p> <p>P242 Use only non-sparking tools.</p> <p>P243 Take precautionary measures against static discharge.</p> <p>P201 Obtain special instructions before use.</p> <p>P202 Do not handle until all safety precautions have been read and understood.</p> <p>P260 Do not breathe dust/fume/gas/mist/vapors/spray.</p>
---------------------------------	----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------



P261 | Avoid breathing dust/fume/gas/mist/vapors/spray.
 P264 | Wash any exposed body parts thoroughly after handling.
 P270 | Do not eat, drink or smoke when using this product.
 P271 | Use only outdoors or in a well-ventilated area.
 P280 | Wear protective gloves/protective clothing/eye protection/face protection.
 P281 | Use personal protective equipment as required.
 P301 + P310 | IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.
 P302 + P352 | IF ON SKIN: Wash with plenty of soap and water.
 P303 + P361 + P353 | IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.
 P304 + P340 | IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
 P305 + P351 + P338 | IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
 P308 + P313 | IF exposed or concerned: Get medical advice/attention.
 P312 | Call a POISON CENTER or doctor/physician if you feel unwell.
 P314 | Get medical advice/attention if you feel unwell.
 P321 | Specific treatment (see supplemental first aid instruction on this label if immediate administration of antidote/specific measures/cleansing agent/immediate measures is/are appropriate/required).
 P330 | Rinse mouth.
 P331 | Do NOT induce vomiting.
 P333 + P313 | If skin irritation or rash occurs: Get medical advice/attention.
 P337 + P313 | If eye irritation persists: Get medical advice/attention.
 P362 | Take off contaminated clothing and wash before reuse.
 P370 + P378 | In case of fire: Use appropriate media for extinction if water increases risk.
 P403 + P233 | Store in a well-ventilated place. Keep container tightly closed.
 P403 + P235 | Store in a well-ventilated place. Keep cool.
 P405 | Store locked up.
 P501 | Dispose of contents/container to appropriate waste disposal entity in accordance with local/regional/national/international regulation.

Percent of the mixture consisting of ingredient(s) of unknown toxicity

To the best of our knowledge, there are no additional ingredient(s) present requiring hazardous reporting or health warnings.

SECTION 3: COMPOSITION / INFORMATION ON INGREDIENTS

Reportable Components	% of Comp.	CAS No.
TOLUENE	60 - 70%	108-88-3
METHYL ISOBUTYL KETONE	10 - 20%	108-10-1
ETHYL ALCOHOL	10 - 20%	64-17-5
N-BUTYL ALCOHOL	1 - 5%	71-36-3
ISOBUTYL ISOBUTYRATE	1 - 5%	97-85-8

SECTION 4: FIRST AID MEASURES

General Advice

Have Safety Data Sheet available when calling Poison Control Center (1-800-222-1222) or physician; or when going to the emergency room.



Eyes	Flush eye with plenty of water for 15 minutes, while lifting eyelid. Remove contact lenses if present and easy to do. Continue rinsing. If irritation persists, get medical attention.
Skin	Wash skin with soap and water. Though not expected, if irritation occurs, get medical attention.
Inhalation	Though not expected, if breathing is difficult, move to fresh air. If difficulty persists, get medical attention.
Ingestion	Irritation may occur. If irritation persists, get medical attention.

SECTION 5: FIRE FIGHTING MEASURES

Fire Hazard	No
Extinguishing Media	Foam, CO2, Dry Chemical, Water Mist
Special Protective Equipment and Firefighting Procedures	Evacuate all unnecessary personnel. Use full protective equipment. Cool closed containers to prevent pressure build-up. Do not allow product or runoff from fire control measures to enter storm or sanitary sewers or waterways.
Unusual Fire & Explosion	Material may splatter when heated. Dried film may burn.
Hazardous Combustion Products	See Section 10

SECTION 6: ACCIDENTAL RELEASE MEASURES

Personal Precautions	Avoid any uncontrolled release of material. Wear chemical splash goggles, impervious gloves, appropriate respirators, and protective clothing until all hazards are known.
Spills / Leaks	If spill/leak occurs, eliminate ignition sources and ventilate area. Evacuate all unnecessary personnel. Wear full protective equipment. Dike drains to prevent entering storm or sanitary sewers, rivers, streams, or waterways. Contain spill and cover with inert absorbent material. Clean using non-sparking tools (aluminum, brass, copper) and place mixture into containers for disposal. Note: Some spills/releases may require special reporting to local, state or federal agencies.

SECTION 7: HANDLING AND STORAGE

Handling	Handle using good industrial hygiene and safety practices. Avoid breathing vapors, spray mists, or dusts. Avoid contact with eyes and skin. Do not take internally. Use adequate ventilation, respiratory and personal protection. Avoid spraying hot surfaces.
Storage	Keep liquid and vapor away from heat, sparks, and flame. Turn off or remove all sources of ignition. Use proper methods of ventilation to prevent vapor buildup. Avoid contact with hot metal surfaces. Avoid free fall of liquids. Ground and bond fixed equipment, pails, drums and other transfer containers. Do not reuse, weld, drill, or heat empty containers which may contain explosive vapors. Keep container closed when not in use and during transit. Store container in an upright position in a cool, dry environment and protect from damage. Use



adequate ventilation. Follow label warnings until thoroughly cleaned or until container is sent for disposal. Do not remove or deface labels until empty containers have been destroyed or thoroughly cleaned. Do not transfer product to unlabeled containers. Do not store above 120 deg. F (50 deg. C).

SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure Limits

Chemical Description	OSHA PEL	ACGIH TLV	Other
Toluene	200 ppm	20 ppm	300 ppm (C) STEL
Methyl isobutyl ketone	100 ppm	20 ppm	205 mg/m3 NIOSH
Ethyl alcohol	1000 ppm	1000 ppm	1880 mg/m3
n-Butyl alcohol	100 ppm	20 ppm	(skin)
Isobutyl isobutyrate	NOT EST.	NOT EST.	NOT EST.

Engineering Controls

USE ONLY WITH ADEQUATE VENTILATION. Provide mechanical ventilation, local exhaust or other appropriate means of ventilation to prevent build-up of vapor or dust. Keep worker exposure to airborne contaminants below suggested or allowable limits. Keep area vapor and/or dust concentrations below lower explosive limits. Eye wash and safety showers are recommended in the workplace.

Personal Protective Equipment

Hand	Wear gloves to prevent skin contact. Wash hands with soap and water after using and before eating or using tobacco products.
Eyes	Wear safety glasses to protect from liquid splash. Ensure eye wash and safety showers are near workstations.
Skin	Avoid contact with skin.
Respiratory	Ensure fresh air entry during application and drying. Though not expected, increase ventilation if irritation occurs. Wear respirator with particulate filter or dust mask to avoid breathing sanding dusts if needed.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Appearance	No Data	Upper Flammability/Explosive Limit	19.00
Odor	No Data	Lower Flammability/Explosive Limit	1.00
pH value	No Data	Vapor Pressure	4.00
Freezing Point (F)	No Data	Vapor Density	1.59
Boiling Point (F)	No Data	Vapor Temperature	68.00
Boiling Range	172.00 - 298.00	Relative Density/Specific Gravity	7.04646
Flash Point (F)	Not Applicable	Solubility	No Data
Flash Point Method Used	P Marten	Partition Coefficient	No Data



Evaporation Rate	No Data	Auto-Ignition Temperature	No Data
Flammability	Yes	Decomposition Temperature	No Data
Viscosity	See Tech Data Sheet		

SECTION 10: STABILITY AND REACTIVITY

Chemical Reactivity	Will not occur.
Chemical Stability	Stable.
Conditions to Avoid	High temperatures and humidity.
Materials to Avoid	Not Applicable.
Hazardous Decomposition	Under normal conditions of storage and use, hazardous decomposition products should not be produced.

SECTION 11: TOXICOLOGICAL INFORMATION

Acute Toxicity

Reportable Components	LD50 Oral	LC50 Inhalation	LD50 Dermal
Toluene	> 5,580 mg/kg	12,500 mg/m3 (4H)	12,196 mg/kg
Methyl isobutyl ketone	2,080 mg/kg	8 mg/m3 (4H)	> 16,000 mg/kg
Ethyl alcohol	7,060 mg/kg	39 g/m3	15,800 mg/kg
n-Butyl alcohol	790 mg/kg	8,000 ppm (4H)	3,400 mg/kg
Isobutyl isobutyrate	12,800 mg/kg	Not available	> 17,760 mg/kg

Inhalation

Description of Effects From Short- and Long-Term Exposure:

Though not expected, vapor and mist may irritate nose, throat, and lungs. Move to fresh air. Dust, sanding dusts and particles may cause nose and throat irritation. Harmful if inhaled.

Ingestion

Description of Effects From Short- and Long-Term Exposure:

Swallowing may cause irritation. Toxic if swallowed. May be fatal if swallowed and enters airways.

Eyes

Description of Effects From Short- and Long-Term Exposure:

Contact with liquid may cause irritation.

Skin

Description of Effects From Short- and Long-Term Exposure:

Contact may cause mild irritation.

Carcinogen Information



Product does not contain carcinogen at or above reportable concentration.

Carcinogens Listing

NTP	No
IARC	No
OSHA	No

SECTION 12: ECOLOGICAL INFORMATION

Aquatic Toxicity

Toluene

Toxicity to Fish LC50: 7.63 mg/l - 96 h

Toxicity to Algae EC50: 10.00 mg/l - 24 h

Methyl isobutyl ketone

Toxicity to Fish LC50: 480 mg/l - 48 h

Toxicity to Algae EC50: 980-2,000 mg/l-48 h

Ethyl alcohol

Toxicity to Fish LC50: 14,200 mg/l - 96 h

Toxicity to Algae EC50: 275 mg/l - 72 h

n-Butyl alcohol

Toxicity to Fish LC50: 1,840 mg/l - 96 h

Toxicity to Algae EC50: Not Available

Biodegradability No Data

Bioaccumulation No Data

SECTION 13: DISPOSAL CONSIDERATION

Waste materials and empty container must be disposed of in accordance with applicable federal, state/provincial, and local regulations. Regulations may vary by location. Empty containers may hold hazardous vapors. Do not weld or expose to heat.

SECTION 14: TRANSPORT INFORMATION

DOT Description

UN1263, PAINT RELATED MATERIAL, 3, PGII

SECTION 15: REGULATORY INFORMATION

TSCA Status In compliance with TSCA inventory requirements for commercial purposes.

SARA 312 Regulated Chemical(s) Toluene
Methyl isobutyl ketone
Ethyl alcohol
n-Butyl alcohol




Safety Data Sheet

PREMIUM LACQUER THINNER

Date Issued

07/21/2020

SARA 313 Regulated Chemical(s)	Isobutyl isobutyrate Toluene Methyl isobutyl ketone n-Butyl alcohol
California Prop. 65	 WARNING: Cancer and Reproductive Harm - www.P65Warnings.ca.gov .
PA Right to know Chemical(s)	Toluene Methyl isobutyl ketone Ethyl alcohol n-Butyl alcohol
NJ Right to know Chemical(s)	Toluene Methyl isobutyl ketone Ethyl alcohol n-Butyl alcohol Isobutyl isobutyrate
MA Right to know Chemical(s)	Toluene Methyl isobutyl ketone Ethyl alcohol n-Butyl alcohol
Canada	Not Applicable.
Additional Regulatory Information	Not Applicable.



SECTION 16: OTHER INFORMATION

HMIS

PREMIUM LACQUER THINNER (5-

HEALTH	2*
FLAMMABILITY	3
REACTIVITY	0
PERSONAL PROTECTION	X

HMIS® Hazardous Material Information System

HMIS ratings are based on a 0-4 rating scale, with 0 representing minimal hazards or risk, and 4 representing significant hazards or risks. HMIS was developed as a means of identifying and communicating workplace hazards associated with paints and coatings. Ratings are to be used with a fully implemented HMIS program. The workplace employer is responsible for determining the Personal Protection (PPE) code of this material.

HMIS® is the registered mark of the American Coatings Association (ACA)

DISCLAIMER

THE INFORMATION CONTAINED HEREIN HAS BEEN COMPILED FROM SOURCES CONSIDERED TO BE RELIABLE. TO THE BEST OF OUR KNOWLEDGE AND BELIEF, ALL INFORMATION IS ACCURATE AND IS PROVIDED IN GOOD FAITH. HOWEVER, NO GUARANTEE OF ACCURACY IS MADE OR IMPLIED.