

SAFETY DATA SHEET



Date Issued : 6/20/2013
MSDS No : 129174
Date Revised : 9/11/2013
Revision No : 1

Lacquer Thinner, Wash Grade, Gallon Can

1. PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: Lacquer Thinner, Wash Grade, Gallon Can
PRODUCT CODE: 129174

MANUFACTURER

Fiberglass Coatings Inc.
www.fgci.com
4301A 34th Street North
St. Petersburg, FL 33714
Customer Service: 800-272-7890
E-Mail: fgci@fgci.com

24 HR. EMERGENCY TELEPHONE NUMBERS

Chem-Tel (800) 255-3924

2. HAZARDS IDENTIFICATION

GHS CLASSIFICATIONS

Health:

Acute Toxicity (Inhalation), Category 4
Skin Irritation, Category 2
Eye Irritation, Category 2A
Target Organ Toxicity (Single exposure), Category 2
Aspiration Hazard, Category 1
Reproductive Toxicity, Category 2

Environmental:

Aquatic Toxicity (Acute), Category 2

Physical:

Flammable Liquids, Category 2

GHS LABEL



Environment



Exclamation
mark



Flame



Health
hazard



Skull and
crossbones

HAZARD STATEMENTS

H401: Toxic to aquatic life.
H315: Causes skin irritation.
H319: Causes serious eye irritation.
H225: Highly flammable liquid and vapor.
H371: May cause damage to organs.
H304: May be fatal if swallowed and enters airways.

H331: Toxic if inhaled.

PRECAUTIONARY STATEMENT(S)

Prevention:

P261: Avoid breathing dust/fume/gas/mist/vapors/spray.
 P210: Keep away from heat/sparks/open flames/hot surfaces. – No smoking.
 P241: Use explosion-proof electrical/ventilating/lighting/.../ equipment.
 P242: Use only non-sparking tools.
 P233: Keep container tightly closed.
 P240: Ground/bond container and receiving equipment.
 P243: Take precautionary measures against static discharge.
 P280: Wear protective gloves/protective clothing/eye protection/face protection.
 P271: Use only outdoors or in a well-ventilated area.
 P264: Wash ... thoroughly after handling.
 P270: Do not eat, drink or smoke when using this product.
 P273: Avoid release to the environment.

Response:

P301+A1600: IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.
 P301+P330+P331: IF SWALLOWED: rinse mouth. Do NOT induce vomiting.
 P303+P361+P353: IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.
 P370+P378: In case of fire: Use ... to extinguish.
 P304+P340: IF INHALED: Remove to fresh air and keep at rest in a position comfortable for breathing.
 P311: Call a POISON CENTER or doctor/physician.
 P332+P313: If skin irritation occurs: Get medical advice/attention.
 P362: Take off contaminated clothing and wash before reuse.
 P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
 P337+P313: If eye irritation persists: Get medical advice/attention.
 P308+P313: IF exposed or concerned: Get medical advice/attention.

Storage:

P403+P235: Store in a well-ventilated place. Keep cool.

Disposal:

P501: Dispose of contents/container in accordance with all Federal State and Local regulations

EMERGENCY OVERVIEW

PHYSICAL APPEARANCE: Colorless Liquid

IMMEDIATE CONCERNS: **Extremely flammable liquid and vapor.** Vapor may cause flash fire. May affect CNS, headache or nausea. May cause eye, skin and respiratory tract irritation. Prolonged or repeated contact may dry skin and cause dermatitis and burns.

POTENTIAL HEALTH EFFECTS

EYES: Can cause severe eye irritation. Symptoms include: stinging, tearing, redness, and swelling of the eyes. Can injure eye tissue.

SKIN: Can cause skin irritation. Prolonged or repeated exposure may dry the skin. Symptoms may include redness, burning, drying and cracking of the skin, burns and other skin damage.

INGESTION: Swallowing may be harmful. Aspiration Hazard (swallowing, vomit). May result in lung inflammation and lung injury.

INHALATION: Breathing of vapor or mist is possible. Breathing this material may be harmful. Symptoms are not expected at air concentrations below the recommended exposure limits.

CARCINOGENICITY: This mixture is not listed as a carcinogen, however, some of the components may be suspected to cause cancer in humans.

MEDICAL CONDITIONS AGGRAVATED: Pre-existing disorders of the following organs (or organ systems) may be aggravated by exposure to this material: skin, lung (for example, asthma-like conditions), liver, kidney, central nervous system, pancreas, heart. Exposure to this material may aggravate any pre-existing condition sensitive to a decrease in available oxygen, such as chronic lung disease, coronary artery disease or anemias.

ROUTES OF ENTRY: Inhalation, Skin absorption, Skin contact, Eye contact, Ingestion.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name	Vol. %	CAS
Benzene, Methyl-	40 - 65	108-88-3
Methyl alcohol	15 - 25	67-56-1
Acetone	5 - 20	67-64-1
Naptha (coal Tar)	5 - 10	8030-30-6
Xylenes (o-,m-,p- Isomers)	5 - 30	1330-20-7

4. FIRST AID MEASURES

EYES: Flush eyes for at least 15 minutes, holding eyelids open. If easily accomplished, check for and remove contact lenses. Seek immediate medical attention.

SKIN: Immediately flush with plenty of soap and water. Remove and dispose of contaminated clothing.

INGESTION: Aspiration hazard. If swallowed, Do NOT induce vomiting. If vomiting occurs, keep head below hips to prevent aspiration into lungs. Rinse mouth with water. Never give anything by mouth to an unconscious person. Call a physician immediately.

INHALATION: If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Seek medical attention.

5. FIRE FIGHTING MEASURES

FLAMMABLE CLASS: Category 2 Flammable Liquid

EXTINGUISHING MEDIA: Use dry chemical, CO₂, water spray/fog (not jet), or foam

FIRE FIGHTING PROCEDURES: Volatile. Vapor may travel along the ground to nearby ignition sources. Extinguish all ignition sources if safe to do so. Use water to cool exposed containers and structures until fire is out. Avoid spreading burning material with water used for cooling purposes. Use caution, fire can cause the generation of Hydrogen Chloride and other toxic vapors.

FIRE FIGHTING EQUIPMENT: Full Bunker gear(helmet with face shield, bunker coats, gloves and rubber boots), including a positive pressure, NIOSH approved, self-contained breathing apparatus (SCBA).

6. ACCIDENTAL RELEASE MEASURES

LARGE SPILL: Eliminate all ignition sources (flares, flames including pilot lights, electrical sparks). Persons not wearing protective equipment should be excluded from area of spill until clean-up has been completed. Stop spill at source. Prevent from entering drains, sewers, streams or other bodies of water. Prevent from spreading. If runoff occurs, notify authorities as required. Collect with non-combustible absorbent material (e.g. sand, earth, diatomaceous earth, vermiculite). Transfer contaminated absorbent, soil and other materials to containers for proper disposal according to all Federal, State, and Local ordinances.

SPECIAL PROTECTIVE EQUIPMENT: Proper safety equipment is essential to any large spill clean up, Safety Glasses, Gloves, Impervious clothing, and Breathing masks as necessary to maintain Permissible Exposure Limits (PELs) below regulatory guidelines.

7. HANDLING AND STORAGE

HANDLING: Keep containers closed, in a dry, cool, well ventilated area away from any form of ignition source (open flame, static spark, etc.). Use gloves constructed of impervious materials and protective clothing. Use appropriate respiratory protection when ventilation is unable to lower below safe levels. Do not cut, weld, braze solder, drill or grind container. Do not pressurize.

STORAGE: Store container in a cool, well ventilated approved area. Keep container away from sparks and other ignition sources. Keep container tightly closed until ready to use.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

EXPOSURE GUIDELINES

OSHA HAZARDOUS COMPONENTS (29 CFR1910.1200)					
		EXPOSURE LIMITS			
		OSHA PEL		ACGIH TLV	
Chemical Name		ppm	mg/m ³	ppm	mg/m ³
Benzene, Methyl-	TWA	200		50	188
	STEL	300			
Methyl alcohol	TWA	200		200	
	STEL	250		250	
Acetone	TWA	1000	2400	500	
	STEL			750	
Xylenes (o-,m-,p- Isomers)	TWA	100	435	100	434
	STEL			150	651

ENGINEERING CONTROLS: Provide ventilation or other engineering controls to keep the airborne concentrations of vapor or mists below the applicable workplace exposure limits (PEL/TLV). Any installed emergency eye wash station or safety showers should be located near the work area.

PERSONAL PROTECTIVE EQUIPMENT

EYES AND FACE: Chemical splash goggles. Always use proper eye protection around the work area.

SKIN: Wear impermeable gloves. Clothing should limit skin exposure. Gloves contaminated with product should be discarded. Promptly remove clothing that becomes soiled with product. Maintain eyewash and shower station near work area in case of exposure.

RESPIRATORY: Vapor respirator may be required if exposure limits are exceeded. Use a NIOSH approved respirator or equivalent when required. Proper mechanical ventilation should be installed to ensure the exposure levels are below the allowable thresholds (PEL/TLV).

PROTECTIVE CLOTHING: Various application methods can dictate the use of additional protective safety equipment, such as impermeable aprons, etc., to minimize exposure. Launder any clothing or protective equipment that has been contaminated before reuse. Discard any clothing or other protective equipment that cannot be decontaminated, such as gloves or shoes.

9. PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE: Liquid

APPEARANCE: Clear to White Liquid

COLOR: Clear to White

pH: Neutral

FLASH POINT AND METHOD: -20°C (-4°F) Closed Cup

FLAMMABLE LIMITS: 1% to 12.6%

AUTOIGNITION TEMPERATURE: 432°C (810°F)

VAPOR PRESSURE: 54 mm Hg @ 25 C

VAPOR DENSITY: > 1 (Air =1)

BOILING POINT: 56°C (133°F)

MELTING POINT: No data available.

SOLUBILITY IN WATER: Mostly Soluble

EVAPORATION RATE: > 2 (Butyl Acetate = 1)

SPECIFIC GRAVITY: 0.86

10. STABILITY AND REACTIVITY

STABLE: Yes

HAZARDOUS POLYMERIZATION: No

POLYMERIZATION: Will not occur.

CONDITIONS TO AVOID: Avoid contact with incompatible materials and ignition sources / heat.

HAZARDOUS DECOMPOSITION PRODUCTS: May form: carbon dioxide and carbon monoxide, various hydrocarbons.

INCOMPATIBLE MATERIALS: Avoid all unplanned contact with strong reactive chemicals, Acids, Bases, Aliphatic Amines, Oxidizers and Reactive Metals (Aluminum, Magnesium, etc.).

11. TOXICOLOGICAL INFORMATION

ACUTE

Chemical Name	ORAL LD ₅₀ (rat)	DERMAL LD ₅₀ (rabbit)	INHALATION LC ₅₀ (rat)
Benzene, Methyl-	> 636 mg / kg	8390 mg / kg	12500 to 28800
Methyl alcohol	300 mg / kg (Rat)	12800 mg / kg (dermal Rabbit)	64000 ppm (inhalation/rat) (4h)
Acetone	5800 mg / kg (Rat)	> 20000 mg / kg (dermal Rabbit)	> 16000 ppm (inhalation/rat) (4h)
Xylenes (o-,m-,p- Isomers)	4300 mg / kg (Rat)	> 2000 mg / kg (dermal Rabbit)	6700 ppm (inhalation/rat) (4h)

CARCINOGENICITY

IARC: Contains some chemicals that may be carcinogenic to humans.

12. ECOLOGICAL INFORMATION

ENVIRONMENTAL DATA: Environmental studies have not been performed for this mixture.

13. DISPOSAL CONSIDERATIONS

DISPOSAL METHOD: Disposal should be in accordance with all Local, State and Federal regulations. Empty containers may still be considered dangerous due to residual vapors/liquid/dust.

14. TRANSPORT INFORMATION**DOT (DEPARTMENT OF TRANSPORTATION)**

PROPER SHIPPING NAME: Paint related material.

PRIMARY HAZARD CLASS/DIVISION: 3

UN/NA NUMBER: 1263

PACKING GROUP: II

AIR (ICAO/IATA)

SHIPPING NAME: Paint related material.

UN/NA NUMBER: 1263

PRIMARY HAZARD CLASS/DIVISION: 3

PACKING GROUP: II

VESSEL (IMO/IMDG)

SHIPPING NAME: Paint related material.

UN/NA NUMBER: 1263

PRIMARY HAZARD CLASS/DIVISION: 3

PACKING GROUP: II

15. REGULATORY INFORMATION**UNITED STATES****SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT)**

311/312 HAZARD CATEGORIES: Fire Hazard, Immediate (acute) Health Hazard, Chronic (Delayed) Health Hazard.

TITLE III NOTES: Components meeting the requirements are listed.

16. OTHER INFORMATION

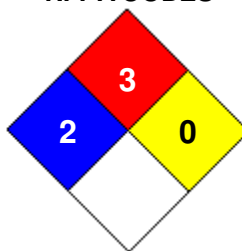
PREPARED BY: Fiberglass Coatings, Inc (HE)

REVISION SUMMARY: This MSDS replaces the 6/28/2013 MSDS. Revised: **Section 14:** ADDITIONAL INFORMATION, AIR (ICAO/IATA) - SPECIAL PROVISIONS ROAD AND RAIL (ADR/RID), ROAD AND RAIL (ADR/RID) (VEHICLE FOR TANK, PROPER SHIPPING NAME, UN NUMBER, PACKING GROUP), VESSEL (IMO/IMDG) (PRIMARY HAZARD CLASS/DIVISION, PACKING GROUP, UN/NA NUMBER). **Section 15:** 313 REPORTABLE INGREDIENTS, TITLE III NOTES.

HMIS RATING

HEALTH	*	2
FLAMMABILITY		3
PHYSICAL HAZARD		0
PERSONAL PROTECTION		

NFPA CODES



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