SAFETY DATA SHEET

Precision Mastermade Paints, Inc.
Joplin, MO 64804

Section 1—Product and Company Identification

Product Number:	LC4047
Product Name:	LITHCO LIGHT BROWN
Manufacturer's Name	Precision Mastermade Paints, Inc.
	8040 E. Alliance Parkway, Joplin, MO 64804
Phone:	417-659-8900
Fax:	417-659-8901
Emergency:	800-535-5053
Website:	

Section 2—Hazard(s) Identification

WARNING! Flammable liquid and vapor.

**HMIS Codes
Health: 3
Flammability: 2
Reactivity: 0

Inhalation of may cause irritation of the upper respiratory system
Causes skin and eye irritation
Keep away from sources of ignition
Do not breathe gas, fumes, vapor, or spray

Section 3—Composition/Information on Ingredients

PFSDS Components

% by Weight	CAS Number	ComponentName	Unit	Vapor-Pressure
3.94	100-41-4	Ethylbenzene		7.0 mmhg@20c
		ACGIH TLV	100 Mg/M3	
		ACGIH TLV STEL	125 Mg/M3	
		OSHA PEL	100 Mg/M3	
		OSHA PEL STEL	125 Mg/M3	
23.66	108-10-1	MIBK		26.4 hPa @ 25c
		ACGIH TLV	20 Mg/M3	
		ACGIH TLV STEL	75 Mg/M3	
		OSHA PEL	100 Mg/M3	
		OSHA PEL STEL	75 Mg/M3	

0.18	108-64-6	PMA				
		ACGIH TLV	100	ppm		
		ACGIH TLV STEL		ppm		
		OSHA PEL	100	ppm		
		OSHA PEL STEL		ppm		
13.21	108-88-3	TOLUENE				
		ACGIH TLV	100	ppm		
		ACGIH TLV STEL		ppm		
		OSHA PEL	100	ppm		
		OSHA PEL STEL		ppm		
0.16	123-86-4	n-butyl acetate			13.3	mbar 20 C
		ACGIH TLV	150	ppm		
		ACGIH TLV STEL	200	ppm		
		OSHA PEL	150	ppm		
		OSHA PEL STEL	200	ppm		
15.78	1330-20-7	Xylene			6.6	6.6 mmhg @ 20c
		ACGIH TLV	100	Mg/M3		
		ACGIH TLV STEL	150	Mg/M3		
		OSHA PEL	100	Mg/M3		
		OSHA PEL STEL	150	Mg/M3		
5.62	51274-00-1	IRON OXIDE				
		ACGIH TLV	10	Mg/M3		
		ACGIH TLV STEL		Mg/M3		
		OSHA PEL	15	Mg/M3		
		OSHA PEL STEL		Mg/M3		
0.94	68186-88-9	BROWN PIGMENT				
		ACGIH TLV	0.5	ppm		
		ACGIH TLV STEL		ppm		
		OSHA PEL	0.5	ppm		
		OSHA PEL STEL		ppm		
13.48	MIBK	KETONE				
		ACGIH TLV	100	ppm		
		ACGIH TLV STEL		ppm		
		OSHA PEL	0	ppm		
		OSHA PEL STEL		ppm		

1.99	proprietary	PROPRIETARY	
		ACGIH TLV	0 ppm
		ACGIH TLV STEL	ppm
		OSHA PEL	0 ppm
		OSHA PEL STEL	ppm
0.45	SILANE	SILANE	
		ACGIH TLV	15 Mg/M3
		ACGIH TLV STEL	Mg/M3
		OSHA PEL	15 Mg/M3
		OSHA PEL STEL	Mg/M3

Section 4—First Aid Measures

Eye Contact Remove contact lenses. Flush Eyes with large amounts of water for 15 minutes. Seek medical attention.

Skin Contact Remove and launder contaminated clothing. Wash affected area thoroughly with soap and water. DO NOT use solvents or thinners.

Inhalation Remove to fresh air. Keep warm and at rest. Restore breathing. Seek medical attention.

Ingestion DO NOT induce vomiting. Get medical attention immediately. Provide SDS to medical personnel.

Other Treat symptomatically. Contact poison control and/or seek medical attention as needed.

Section 5—Fire-Fighting Measures

Extinguishing Media Carbon dioxide, Dry chemical, Foam, Water spray fog

Unsuitable Extinguishing Media Avoid solid water stream as this may spread flammable liquid.

Unusual Fire And Explosion Hazards Closed containers may explode or auto ignite when exposed to extreme heat.
Vapors may spread long distances and ignite. Vapors may form explosive mixtures with air.
During emergency conditions, exposure to burning product may cause health hazard. Symptoms may not be immediately apparent. Seek medical attention.

Special Fire Fighting Procedures Full protective equipment and self-contained breathing apparatus should be used.

Section 6—Accidental Release Measures

Personal Precautions Avoid inhalation, ingestion, and contact with skin or eyes. Remove all sources of ignition. Ventilate area

Emergency Procedures Wear appropriate PPE (Personal Protective Equipment).
Contact appropriate authorities needed, if necessary, for immediate action and containment.
Emergency Contact Number:
800-535-5053

Environmental Precautions Do not allow to enter drains or water courses. In case of sewer or drain contamination, contact local water company; water stream contamination, contact EPA

Spill Clean Up Methods Ventilate area.
Dike area with inert material.
Remove product with inert absorbent, shovel or sweep up. Keep in suitable containment for approved disposal.

Section 7—Handling and Storage

Handling and Precautions Use appropriate protective equipment. Use only adequate ventilation; wear appropriate respirator when ventilation is inadequate. Do not breathe dust, vapor mist, or gas. Keep container closed when not in use. Transfer only to approved containers with complete and appropriate labeling. Do not ingest or get on eyes, skin, and clothing. Eating, drinking, and smoking should be prohibited in areas where this material is handled, processed, and/or stored. Wash hands and face thoroughly before eating and drinking. Take precautionary measures agains electrostatic discharge. Dissipate static electricity during transfer by grounding and bonding containers and equipment before transferring material. Use explosion proof electrical ventilating, lighting, and material handling equipment. Follow US NFPA 30, "Flammable & Combustible Liquids Code," or other national, state, and local codes on the safe handling of flammable liquids

Storage	Store in designated flammable area NFPA 30 and OSHA 29 CFS 1910.106 approved. Store in original containers or approved container with complete and appropriate labeling. Keep out of direct sunlight and in a cool, dry, well ventilated area; away from incompatible materials, oxidizing materials, and food or drink. Store away from heat, spark, open flame, or all other ignition sources. Keep container tightly sealed until use. Open containers must be carefully resealed and stored upright to prevent leakage. Avoid exposure to oxygen; exposure may increase the instance of exothermic reation, resulting in smoldering and potential combustion. Improper storage may result in spontaneous generation of heat and ignition.

Section 8—Exposure Controls/Personal Protection

Exposure Controls/Personal Protection	Use only with adequate ventilation Avoid contact with skin and eyes. Avoid breathing vapor or spray mist. Respiratory protection may be needed if adequate ventilation cannot be obtained. Eye protection should be used at all times when using this product. Intentional misuse by deliberate concentration and inhalation of this product can be harmful or fatal.

Section 9--

Appearance	Light Brown Liquid
Odor	Aromatic
Odor Threshold	N/A
Ph	N/A
Melting Point	N/A
Boiling Point	212 F
Flash Point	45 F
Evaporation Rate	1 (Air=1)
Flammability	Class 3 Flammable
Flammability Limits	Lel. 2% Uel. 8%
Vapor Pressure	15 (mm Hg)
Vapor Density	4 (Air=1)
Relative Density	less then 1
Solubility	Not Soluable in Water
Parition Coefficient	N/A
Ignition Temp	N/A
Decomposition Temp	N/A
Viscosity	> Water

Section 10—Stability and Reactivity

Reactivity	Stable under normal conditions
Chemical Stability	Stable under the recommended storage and handling conditions (see Section 7); hazardous polymerization will not occur.
Conditions to avoid	Freezing, direct sunlight, high heat. All possible ignition and spark or flame sources. Do not pressurize, cut, braze drill, grind, or heat containers. Avoid pure oxygen.
Materials to avoid	Keep away from oxidizing agents and strongly alkaline and acidic materials to prevent the possibility of exothermic reaction.
Hazardous Decomposition	Under normal conditions, hazardous decomposition should not occur. In a fire, hazardous decomposition products such as smoke, carbon monoxide, carbon dioxide, and oxides of nitrogen may be produced.

Section 11—Toxicological Information

Toxicology:

PFSDS Tocicology

Component	ComponentName		
100-41-4	Ethylbenzene	LD50 Oral	3,500 mg/kg rat
IARC: IARC listed as 2B 'Possible Carcinogen'		LD50 Dermal	20,574 mg/kg rabbit
		LC50 Inhalation	1,7623 mg/m3 rat
108-10-1	MIBK	LD50 Oral	2080 mg/kg
		LD50 Dermal	>2000 mg/kg
		LC50 Inhalation	LC 4hour >8.2 < 16.4 mg/l
108-64-6	PMA	LD50 Oral	
		LD50 Dermal	
		LC50 Inhalation	
108-88-3	TOLUENE	LD50 Oral	
		LD50 Dermal	
		LC50 Inhalation	
123-86-4	n-butyl acetate	LD50 Oral	14,130 mg/kg (rat)
		LD50 Dermal	8,770 mg/kg (guinea pig)
		LC50 Inhalation	6 h >1800ppm (rat)
1330-20-7	Xylene	LD50 Oral	4,300 mg/kg rat
		LD50 Dermal	1,700 mg/kg rabbit
		LC50 Inhalation	18,892 mg/m3 rat
51274-00-1	IRON OXIDE	LD50 Oral	
		LD50 Dermal	
		LC50 Inhalation	
68186-88-9	BROWN PIGMENT	LD50 Oral	
		LD50 Dermal	
		LC50 Inhalation	
MIBK	KETONE	LD50 Oral	
		LD50 Dermal	
		LC50 Inhalation	

proprietary	PROPRIETARY	LD50 Oral
		LD50 Dermal
		LC50 Inhalation
SILANE	SILANE	LD50 Oral
		LD50 Dermal
		LC50 Inhalation

Section 12—Ecological Information

Ecotoxcity This product has been assessed following the conventional method and is not classified as dangerous for the environment but contains substances dangerous for the environment. The product should not be allowed to enter drains or watercourses or be deposited where it can affect ground or surface waters. The Air Pollution Control requirements of relations made under the Enviromental Protection Act may apply to this use of this product.

Section 13—Disposal Considerations

Waste Disposal Method Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Disposal of this product, solutions, and any by-product should, at all times, comply with the requirements of environmental protection and waste diposal legislation and any regional local authority requirements. This product should not be allowed to enter drains or watercourses, or be deposited where it can affect ground or surface waters and soil. Empty containers should be disposed of in accordance with local requirements.

Section 14—Transport Information

UN Number	1263
UN Proper Shipping Name	Paint
Transport Class	3
Packing Group Number	II
Environmental Hazard	Yes
Special Precautions	Flammable Liquid

Section 15—Regulatory Information

SARA

PFSDS SARA

Component Name	CAS Number	% by Weight
Ethylbenzene	100-41-4	3.94
MIBK	108-10-1	23.66
TOLUENE	108-88-3	13.21
Xylene	1330-20-7	15.78
KETONE	MIBK	13.48

Section 16—Other Information

SDS Date	02/21/2013
Revision	2