

SAFETY DATA SHEET

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND THE COMPANY/UNDERTAKING

Product Identifier

Product Name PLASTIC PRIMER

Other means of identification

Product Codes covered by this SDS: PLASTIC PRIMER

Product Description Paint primer

Recommended use of the chemical and restrictions on use

Recommended Use: Water-borne coating applications; primer

Uses advised against: No information available

Details of the supplier of the safety data sheet

Manufacturer

Leather Refinishing Technologies LLC
529 Caboose Drive
Quakertown, PA 18951 USA

Emergency Telephone Number

Company Phone Number (215) 536-0625

Emergency Telephone Number (267) 228-5682

2. HAZARDS IDENTIFICATION

Classification

OSHA Regulatory Status

This chemical is considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200)

Specific target organ toxicity (repeated exposure)	Category 2
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Label Elements

Emergency Overview

Warning

Hazard statement

May cause damage to organs (kidney) through prolonged or repeated exposure



Appearance tan

Physical State Liquid

Odor Amine-liket

Precautionary Statements - Prevention

Do not breathe dust/fume/mist/vapors/spray

Precautionary Statements - Response

Get medical attention / advise if you feel unwell

Precautionary Statements - Disposal

Dispose of contents/container to an approved waste disposal plant

Hazards not otherwise classified (HNOC)

Not applicable

Other information

- May be harmful if swallowed
- May cause slight eye irritation.

Unknown Acute Toxicity

~60% of the mixture consists of ingredient(s) of unknown toxicity

3. COMPOSITION/INFORMATION ON INGREDIENTS

Description Primer
Chemical characterization Mixture / Preparation.
Chemical nature Aqueous dispersion.

Chemical Name	CAS-No	Weight %	Trade secret
Water	7732-18-5	60 - 80	*
Ethylene glycol	107-21-1	3 - 7	*
poly(oxy-1,2-ethanediyl, alpha-(4-nonylphenyl)-omega-hydroxy-2-amino-2-methyl-1-propanol	127087-87--0	3 - 7	*
	124-68-5	1 - 2	*

*The exact percentage (concentration) of composition has been withheld as a trade secret. Ingredients not listed in this section are non-hazardous or proprietary.

4. FIRST AID MEASURES

First aid measures

Eye Contact Immediately flush with plenty of water. After initial flushing, remove any contact lenses and continue flushing for at least 15 minutes. If eye irritation persists: Get medical advice and or attention.

Skin Contact Wash off immediately with soap and plenty of water. Get medical attention if irritation develops and persists.

Inhalation Remove to fresh air. If not breathing, give artificial respiration. If symptoms persist, get medical attention or call a physician.

Ingestion Get medical attention. If sprayed in mouth, rinse mouth several times with water. Never give anything by mouth to an unconscious person. If accidentally swallowed obtain immediate medical attention.

Most important symptoms and effects, both acute and delayed

May cause damage to organs through prolonged or repeated exposure

Indication of any immediate medical attention and special treatment needed

Notes to Physician Treat symptomatically and supportively.

5. FIRE-FIGHTING MEASURES

Suitable Extinguishing Media

Water spray. Carbon dioxide (CO2). Foam. Dry chemical.

Unsuitable Extinguishing Media None known.

Specific hazards arising from the chemical

Under fire conditions heated / hot containers may burst. Cool heated containers with water spray.

Hazardous combustion products Carbon monoxide. Carbon dioxide (CO2). Smoke.

Explosion data

Sensitivity to Mechanical Impact No.
 Sensitivity to Static Discharge No.

Protective equipment and precautions for firefighters

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective bunker gear.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Personal precautions Ensure adequate ventilation. Wear personal protective equipment.

Environmental precautions

Environmental precautions Prevent product from entering drains, sewers or water courses. Do not allow material to contaminate ground water system. Avoid release to the environment.

Methods and material for containment and cleaning up

Methods for Containment Contain spill with inert material (e.g. sand, silica gel, universal binder).

Methods for cleaning up

Pick up and transfer to properly labelled containers. Dispose waste product in accordance with federal, state and local regulations.

7. HANDLING AND STORAGE

Precautions for safe handling

Advice on safe handling Avoid contact with skin, eyes and clothing. Ensure adequate ventilation. Drain or remove material from equipment prior to break-in or maintenance.

Conditions for safe storage, including any incompatibilities

Storage Conditions Store in original container. Keep containers tightly closed in a dry, cool and well-ventilated place. Keep from freezing.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control parameters

Exposure Guidelines Titanium dioxide in this product is bound with other components. Harmful exposure is not expected from these products as supplied.

Chemical Name	ACGIH TLV	OSHA PEL	NIOSH IDLH
Ethylene glycol (aerosol) 107-21-1	TWA: 100 mg/m ³	TWA: 125 mg/m ³	-

Legend

ACGIH TLV: American Conference of Governmental Industrial Hygienists - Threshold Limit Value.

OSHA PEL: Occupational Safety and Health Administration - Permissible Exposure Limits.

NIOSH IDLH: National Institute for Occupational Safety and Health - Immediately Dangerous To Life or Health

Appropriate engineering controls

Engineering Measures Eyewash bottles; Ensure adequate ventilation, especially in confined areas. Use local exhaust to reduce exposure limits.

Individual protection measures, such as personal protective equipment

Eye/face protection Safety glasses with side-shields. IF splashing is expected wear splash goggles.

Skin and body protection Wear protective gloves and protective clothing. Long sleeved clothing.

Respiratory protection If exposure limits are exceeded or irritation is experienced from spray or mists, a NIOSH/MSHA approved respiratory protection should be worn. Positive-pressure supplied air respirators may be required for high airborne contaminant concentrations. Respiratory protection must be provided in accordance with current local regulations.

General Hygiene Considerations Handle in accordance with good industrial hygiene and safety practice.

9. PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

Physical State	Liquid		
Appearance	Colored	Odor	Slight to negligible
Colors	White	Odor threshold	No information available
pH	9.2		
Melting point/freezing point	0 °C / 32 °F	Estimated	
Boiling Point/Range	100 °C / 212 °F	Estimated	
Flash Point	Not applicable (water-based material)	Estimated	
Specific gravity	1.025		
Water solubility	Dispersible		
Kinematic viscosity	9.75 mm ² /s		Literature reference
Dynamic viscosity	10 mPas		Estimated
Explosive properties	Not applicable.		
Oxidizing properties	Not classified		

Other information

Density ~ 8.55 pounds / gallon

10. STABILITY AND REACTIVITY

Reactivity

No dangerous reactions known under conditions of normal use.

Chemical stability

Stable under recommended storage conditions.

Possibility of Hazardous Reactions

None under normal processing and recommended storage conditions.

Conditions to Avoid

Do not freeze. Excessive heat, sparks and color contaminating debris

Incompatible materials

Strong oxidizing agents.

Hazardous Decomposition Products

None known or anticipated based on information supplied.

11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure

Product Information No acute toxicity information is available for this product.

Component Information

Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
Ethylene glycol 107-21-1	7.712 mg/kg (Rat)	> 3,500 mg/kg (Mouse)	>2.5 mg/l (6hr-rat)

Information on toxicological effects

Symptoms None known and no information available.

Delayed and immediate effects as well as chronic effects from short and long-term exposure

Irritation	Mechanical irritation of the eyes is possible.
Sensitization	No information available.
Mutagenicity	No information available.
Carcinogenicity	No components of this product present at levels greater than or equal to 0.1% is listed with NTP, IARC or OSHA.
Reproductive Effects	None known.
Developmental Toxicity	None known.
Teratogenicity	None known.
STOT - single exposure	No information available.
STOT - repeated exposure	May cause damage to organs (kidney) through prolonged or repeated exposure. Target organ: Kidney
Neurological Effects	None known.
Aspiration Hazard	No information available.

Numerical measures of toxicity - Product Information

Unknown Acute Toxicity ~56% of the mixture consists of ingredient(s) of unknown toxicity.

The following values are calculated based on chapter 3.1 of the GHS document.

ATE mix (oral) >2000 mg/kg

12. ECOLOGICAL INFORMATION

Ecotoxicity

There is no ecotoxicity data on the product itself.

Persistence and degradability

No information available.

Bioaccumulation potential

No information available.

Other adverse effects

No information available

13. DISPOSAL CONSIDERATIONS

Waste treatment methods

Waste Disposal Methods

Dispose of in compliance with local regulations. Should not be released into the environment. Keep out of drains and sewers.

Contaminated packaging

Empty containers should be taken for local recycling, recovery or waste disposal.

14. TRANSPORT INFORMATION

DOT

Not regulated for transport.

CAO/IATA

Not regulated for transport.

MDG/IMO

Not regulated for transport.

15. REGULATORY INFORMATION

Global Chemical Inventory Status

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory

Complies

Legend:

TSCA Section 8 (b): All components are listed on or exempt from TSCA inventory.

U.S. Federal Regulations

SARA 313

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does contains chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372. Ethylene glycol (107-21-1)

SARA 311/312 Hazardous C ategorization

Acute Health Hazard	No
Chronic Health Hazard	Yes
Fire Hazard	No
Sudden release of pressure hazard	No
Reactive Hazard	No

Clean Water Act

This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42)

CERCLA

This product does not contain any chemicals subject to reporting requirements (RQ) of CERCLA (40 CFR 302.4).

U.S. State Regulations

California Proposition 65

This product does not contain substances listed on California Proposition 65.

State Right-to-Know

Ethylene glycol(CAS# 107-21-1): Massachusetts; New Jersey; Pennsylvania.

16. OTHER INFORMATION

NFPA Hazard Ratings:	Health hazards 1	Flammability 0	Instability 0
HMIS Hazard Ratings:	Health hazards 1	Flammability 0	Physical hazards 0

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Disclaimer

The information provided on this SDS is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guide for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered as a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other material or in any process, unless specified in the text.

Abbreviation Legend

~ /Ca. – Approximate; ATE – Acute Toxicity Estimate; C - Celsius; CAS - Chemical Abstracts Service; CERCLA - Comprehensive Environmental Response, Compensation, and Liability Act; cPs – Centipoise; DOT - Department of Transportation; EPA - Environmental Protection Agency; F - Fahrenheit; GHS – Global Harmonized System; IARC - International Agency for Research on Cancer; IATA - International Air Transport Association; ICAO - International Civil Aviation Organization; IDLH - Immediately Dangerous to Life and Health; IMDG - International Maritime Dangerous Goods; IMO – International Maritime Organization; REL - Recommended Exposure Limits; NFPA - National Fire Protection Association; NIOSH - National Institute for Occupational Safety and Health; MSHA – Mine Safety and Health Administration; NJTSR - New Jersey Trade Secret Registry; NTP - National Toxicology Program; OSHA - Occupational Safety and Health Administration; RCRA - Resource Conservation and Recovery Act; SARA - Superfund Amendments and Reauthorization Act; SDS – Safety Data Sheet; STEL - Short-term Exposure Limit; STOT – Specific Target Organ Toxicity; TDG - Transportation of Dangerous Goods; TSCA - Toxic Substances Control Act; WHMIS - Health Canada Workplace Hazardous Materials Information System

End of Safety Data Sheet