

Safety Data Sheet:

according to Hazard Communication Standard; 29 CFR 1910.1200

Version No. 1.1

Supersedes Date: October 8, 2018

Issue Date: October 1, 2019

Leather Magic!™ Crosslinker

Section 1: IDENTIFICATION

Product Name:

Leather Magic Crosslinker

Company:

Leather Magic Inc.

1104 Leewood Dr

Monroe, NC 28112 USA

Telephone:

800-232-4092 • 704-283-5078

Fax:

704-296-5854

Email:

info@leathermagic.com

Emergency Phone:

Chem-Tel 24-Hour Emergency Service: 800-255-3924

Section 2: HAZARDS IDENTIFICATION

GHS Classification.

Health Effects: Eyes – Category 2 H319 Causes serious eye irritation.

Health Effects: Skin - Category 1. H317 May cause an allergic skin reaction.

Health Effects: Inhalation - Category 4. H332 Harmful if inhaled. H335 May cause respiratory irritation.

Health Effects: Ingestion - Rinse mouth. If swallowed, seek medical advice immediately. Specific target organ systemic toxicity single exposure - Category 3

GHS label elements

Hazard pictograms



Signal Word: Warning

Precautionary Statements: Wash hands thoroughly after handling, Wear protective gloves/ protective clothing/ eye protection/ face protection. If skin irritation or rash occurs: Get medical advice/ attention. If eye irritation persists: Get medical advice/ attention. Take off contaminated clothing and wash it before reuse. IF ON SKIN (or hair): Remove/ Take off immediately all contaminated clothing. Rinse skin with water/ shower. Dispose of contents/ container to an approved waste disposal plant.

Other hazards

In case of mist, spray or aerosol exposure: may be irritating to eyes, skin and/ or respiratory system.

Section 3: COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Nature: Water dispersible poly-isocyanate

Ingredient	CAS Number	Percent Range
1,6-Diisocyanatohexane homopolymer	28182-81-2	60 - < 70
propylene carbonate	108-32-7	25 - < 30

Section 4: FIRST-AID MEASURES

Inhalation: If respiratory irritation or distress occurs remove victim to fresh air. Seek medical attention if respiratory irritation or distress continues.

Skin Contact: For skin contact, wash skin and flush with soap and water.

Eye Contact: Severe irritant. Can cause redness, tearing, pain. Immediately flush eyes with water for at least 15 minutes while holding eyelids open. If irritation persists, seek medical attention.

Ingestion: Do not induce vomiting without medical advice. Wash out mouth with water. Seek medical attention.

Most Important Symptoms/Effects, Acute and Delayed: : irritant effects

Indication of Immediate Medical Attention and Special Treatment Needed, if necessary:
Treat symptomatically.

Section 5: Fire Fighting Measures

Products of combustion: Emits acrid smoke and irritating fumes when heated to decomposition. These products are oxides of carbon (CO, CO₂), oxides of nitrogen (NO, NO₂, N₂O, etc.) and formaldehyde.

Extinguishing Media: Dry Chemical, Foam, Carbon Dioxide, Water, Fog

Fire Fighting Equipment / Instructions: Firefighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in a positive pressure mode to avoid inhaling any combustion products.

Special exposure hazards: Acrid smoke and irritating fumes.

Explosive properties: No specific hazard known.

Section 6: Accidental Release Measures

Personal Precautions: Material is a liquid at room temperature and could pose a slipping hazard. Wear safety glasses and impervious gloves when handling. Remove non-essential personnel from spill area.

Spill and Leak Procedures: Emergency Action- Isolate spill area immediately. Keep unauthorized personnel away. Wear appropriate personal protective equipment during cleanup.

Small Spills: Collect material with liquid vacuum, or shovel, or water absorbent material for disposal in accordance with state, federal and local ordinances.

Large Spills: Recover with pumps or liquid vacuums into suitable container. (drums or totes) Prevent product entry into waterways, sewers, basements or confined areas.

Section 7: Handling & Storage

Handling Procedures: : Smoking, eating and drinking should be prohibited in the application area. Avoid inhalation, ingestion and contact with skin and eyes. Persons with a history of skin sensitization problems or asthma, allergies, chronic or recurrent respiratory disease should not be employed in any process in which this mixture is being used.

Storage: Keep container closed. Store in a cool, dry, well-ventilated area. Do not freeze. Take measures to prevent the build up of electrostatic charge.

Materials to avoid: Keep away from acids or Oxidizing agents

Section 8: Exposure Controls / Personal Protection

Engineering Controls: Good general ventilation should be sufficient.

Personal Protective Equipment: Safety eyewear complying with an approved standard should be used. Safety glasses with side shields or splash goggles are recommended. Chemical resistant gloves are recommended.

Hygiene measures: Wash hands, forearms and face thoroughly after handling. Remove contaminated clothing and launder before reusing. Ensure that eyewash stations and safety showers are close to the work location.

Remarks: Take note of the information given by the producer concerning permeability and break through times, and of special workplace conditions (mechanical strain, duration of contact).
Protective gloves

Section 9: Physical & Chemical Properties

Boiling Point: >392°F (200 deg C)

Upper explosion limit: not determined

Vapor Pressure: not determined

Vapor Density: not determined

Appearance: light brown Colored emulsion

Specific Gravity: ~1.140 - 1.160 g/cm³

Flash Point: >212° F (>100° C)

Lower explosion limit: not determined

Evaporation Rate: not determined

Solubility in Water: emulsifiable

Odor: Characteristic

Appearance: Transparent/yellowish liquid

Section 10: Stability & Reactivity

Reactivity: Stable under normal conditions.

Chemical stability: Stable under normal conditions.

Possibility of hazardous reactions: Possible incompatibility with : Oxidizing Agents Acids

Incompatibility: None

Hazardous Decomposition: No decomposition if stored and applied as directed. Thermal degradation may yield hydrocarbons, oxides of carbon.

Hazardous Polymerization: Will not occur.

Section 11: Toxicological Information

Information on likely routes of exposure

Acute toxicity

Product: Acute oral toxicity

:

Acute toxicity estimate : 15.73 mg/l

Exposure time: 4 h

Test atmosphere: vapor

Method: Calculation method

Ingredients:

Propylene carbonate:

Acute oral toxicity:

LD50 (Rat): 33.520 mg/kg

Acute Dermal toxicity:

LD50 (Rabbit) >2.000. mg/kg

Skin corrosion/irritation**Product:**

Remarks: Based on available data, the classification criteria are not met

Ingredients:**Propylene carbonate: No skin irritation****Serious eye damage/eye irritation****Product:****Remarks:** Eye irritation**Ingredients:****Propylene carbonate:** Assesment: irritating to eyes**Respiratory or skin sensitization****Product:**

Assessment: May cause sensitization by skin contact.

Ingredients:**Propylene carbonate:**

Species: Human experience

Result: Does not cause skin sensation

Germ cell mutagenicity**Product:**

Genotoxicity in vitro

:

Remarks: Not applicable

Ingredients:**Propylene carbonate:**

Test type; in vitro test

Result: negative

Carcinogenicity**Ingredients:****Proplene carbonate:**

Species: mouse

Application Route: Dermal

Method: OECD Test Guideline 451

Remarks: negative

IARC

No ingredient of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

ACGIH

No ingredient of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by ACGIH.

OSHA

No ingredient of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.

NTP

No ingredient of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.

Reproductive toxicity**Product:**

Effects on fertility:

:

Remarks: Not applicable

Ingredients:**Propylene carbonate:**

Effects on fetal development:

Species: Rat NOAEL 1,000 mg/kg

Species: Rat 5,000 mg/kg

STOT-single exposure

Product:

Assessment: May cause respiratory irritation.

Repeated dose toxicity

Product:

Assessment: The substance or mixture is not classified as specific target organ toxicant, repeated exposure.

Product: Remarks: The information given is based on data on the main hazardous component (see chapter 3).

Section 12: Ecological Information

Ecotoxicity

Ingredients:

Propylene carbonate:

Ecotoxicology Assessment
Acute aquatic toxicity

:

LC: > 1,000 mg/l
Exposure time: 96 h
Test Type: semi-static test

Persistence and degradability

Product:

Biodegradability

:

Remarks: No data available

Ingredients:

Propylene carbonate:

Biodegradability

:

Biodegradation: 83 - 87 %
Testing period: 28 d
Method: OECD Test Guideline
301B
Result: Readily biodegradable

Bioaccumulative potential

Product: Remarks: This mixture contains no substance considered to be persistent, bioaccumulating and toxic (PBT).

Ingredients:

Propylene carbonate: Partition
coefficient: n-octanol/water

:

Log Pow: -0.5

Mobility in soil

Product:

:

Remarks: No data available

Other adverse effects

Product:

Results of PBT and vPvB
assessment

:

This mixture contains no
substance considered to be
persistent, bioaccumulating and
toxic (PBT).

Additional ecological
information:

Do not flush into surface water

Section 13: Disposal Considerations

General Product Information: As shipped, this product is not classifiable as a RCRA hazardous waste. User must evaluate or test waste or waste mixtures using methods described in 40 CFR Part 261 to determine if waste meets applicable definitions of a hazardous waste.

Component Waste Numbers: No EPA Waste Numbers are known to be applicable for this product's components.

Disposal Instructions: Dispose of waste material according to Local, State Federal and Provincial Environmental regulations. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Characterization and compliance with applicable laws are the responsibility solely of the generator.

Section 14: Transportation Information:

US DOT Information: Not D.O.T. Regulated.
Regulatory information: Non hazardous.

Section 15: Regulatory Information

EPCRA - Emergency Planning and Community Right-to-Know

SARA 302	:	Not applicable
SARA 313	:	Not applicable

Clean Air Act

US State Regulations

Massachusetts Right To Know Isobutanol	Not applicable
Pennsylvania Right To Know Isobutanol	Not applicable
New Jersey Right To Know	Not applicable
California Prop 65	Not applicable

Section 16: Other Information

Reasonable care has been taken in the preparation of this information, but the manufacturer makes no warranty of merchantability or any other warranty, expressed or implied, with respect to the accuracy of this information. The manufacturer makes no representations and assumes no liability for any direct, incidental or consequential damages resulting from its use. Nothing contained herein grants or extends a license, expressed or implied, to practice any patented inventions or formulations. Product should be evaluated in the purchaser's laboratory for suitability for any application.