



Xtreme Lock

Safety Data Sheet

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1 Product Identifier

Product name : Xtreme Lock
SDS Date : 15 January 2025

1.2 Relevant identified uses of the substance or mixture and uses advised against

Product Use : High Temperature 3D Printing Adhesive
Uses Advised Against : N/A

1.3 Details of the supplier of the safety data sheet

Menhir
+1-819-990-1880
www.menhir.ca

1.4 Emergency Telephone Number

+1-819-990-1880 (9 AM – 5 PM EST)

SECTION 2: Hazards identification

2.1 Classification of the Substance or Mixture

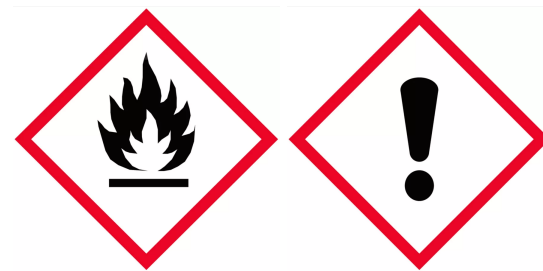
Flammable Liquid, Category 2

Eye Damage/Irritation, Category 2B

Specific Target Organ Toxicity (Single Exposure), Category 3

2.2 Label Elements

Hazard pictograms :



Signal word : Danger

Hazard statements	: Highly flammable liquid and vapor Causes serious eye irritation May cause drowsiness or dizziness
Precautionary Statements	: Keep away from heat/sparks/open flames/hot surfaces. - No smoking.Keep container tightly closed. Ground and bond container and receiving equipment. Use explosion proof electrical equipment. Use non-sparking tools. Take action to prevent static discharges. Avoid breathing mist/vapors/spray. Wash hands thoroughly after handling. Use only outdoors or in a well-ventilated area. Wear protective gloves/eye protection. IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water. IF INHALED: Remove person to fresh air and keep comfortable for breathing. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Call a POISON CENTER/doctor if you feel unwell. If eye irritation persists: Get medical advice/attention. In case of fire: Use water spray, foam, dry powder or CO2to extinguish. Store in a well-ventilated place. Keep container tightly closed. Store in a well-ventilated place. Keep cool. Store locked up. Dispose of this material and its container to hazardous or special waste collection point.

SECTION 3: Composition/information on ingredients

3.1 Substances

N/A

3.2 Mixture

Chemical Name	Product identifier (CAS No.)	% w/w
2-Propanol	67-63-0	> 50%

SECTION 4: First aid measures

4.1 Description of first aid measures

After Skin Contact	: Wash skin with plenty of water and soap. If skin irritation occurs: Get medical advice/attention.
After Eye Contact	: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.
After Inhalation	: Remove person to fresh air and keep comfortable for breathing. If not breathing, give artificial respiration. Consult a physician.
After Swallowing	: If swallowed, rinse mouth with water (only if the person is conscious). Do not induce vomiting. Never give anything by mouth to an unconscious person. Rinse mouth with water. Obtain emergency medical attention. Call a POISON CENTER or doctor/physician.

SECTION 5: Firefighting measures

5.1 Extinguishing media

Suitable extinguishing media	: Foam. Dry powder. Carbon dioxide. Water spray. Sand.
Unsuitable extinguishing media	: Water jet spray. Water or foam may cause frothing of materials heated above 212°F / 100°C

5.2 Special hazards arising from the substance or mixture

Fire hazard	: Flammable liquid and vapour.
Explosion hazard	: May form flammable/explosive vapour-air mixture.

5.3 Advice for firefighters

Firefighting instructions	: Use water spray or fog for cooling exposed containers. Exercise caution when fighting any chemical fire. Prevent fire-fighting water from entering environment.
Protective equipment for firefighters	: Do not enter fire area without proper protective equipment, including respiratory protection.
Other information	: Most vapors are heavier than air. They will spread along ground and collect in low or confined areas (sewers, basements, tanks).

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Personal precautions	: Stop leak if safe to do so. Remove ignition sources. Use special care to avoid static electric charges. No open flames. No smoking. Ensure adequate ventilation. Avoid contact with eyes. Avoid breathing mist. Danger of slipping by leaking/spilling product. Equip cleanup crew with proper protection. Evacuate unnecessary personnel. The low volatility of this product does not require ventilation. However, depending on the condition, adequate ventilation might be required.
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6.2 Environmental precautions

Measures for environmental protection	: Spillages or uncontrolled discharges into watercourses must be alerted to the appropriate regulatory body.
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6.3 Measures for cleaning/collecting

Methods for cleaning up	: Adsorb spillages onto sand, earth or any suitable adsorbent material. Transfer to a container for disposal. Containers must not be punctured or destroyed by burning, even when empty. Ensure all national/local regulations are observed.
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6.4 Reference to other sections

Other	: Refer to Section 8 for personal protective equipment, and Section 13 for disposal information.
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SECTION 7: Handling and storage

7.1 Precautions for safe handling

Handling	: Handle empty containers with care because residual vapors are flammable. Wash hands thoroughly after handling. Avoid breathing mist/vapors/spray. Use only outdoors or in a well-ventilated area. Keep away from heat/sparks/open flames/hot surfaces. – No smoking. Keep the container tightly closed. Use explosion proof electrical equipment. Use non-sparking tools. Take action to prevent static discharges. Wear protective gloves/eye protection.
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7.2 Conditions for safe storage, including any incompatibilities

Storage	: Proper grounding procedures to avoid static electricity should be followed. Ground and bond the container and receiving equipment. Use explosion-proof electrical, ventilating, lighting, and other equipment. Store in a well-ventilated area. Keep the container tightly closed. Store in a locked area. Keep cool. Store only in the original container in a cool, well-ventilated place. Keep the container closed when not in use. Keep away from incompatible materials. Keep away from sources of heat.
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Incompatible Materials	: Oxidizing agents. Bleaching agent. Strong acids. Aluminum. Halogenated compounds.
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Incompatible Condition : Direct sunlight. Heat sources. Open flames. Sparks.

7.3 Specific end use(s)

Industrial uses : N/A
Professional uses : 3D Printing

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

Chemical Name	OSHA PEL	OSHA PEL (ceiling)	ACGIH OEL (TWA)	ACGIH OEL (STEL)

8.2 Exposure Controls

Recommended Monitoring Procedures : None required
Appropriate Engineering Controls : Good general room ventilation should be adequate under normal conditions.

8.2.1 Personal Protective Measurers

Eye/face Protection : Follow facility requirements

Skin Protection : None normally needed. Impervious clothing is recommended if needed to avoid prolonged/repeated skin contact.

Hands	: None normally needed under ambient conditions. Impervious gloves can be used if needed to avoid prolonged skin contact.
Respiratory Protection	: None needed under normal use conditions with adequate ventilation.

SECTION 9: Physical and chemical properties

Appearance	Blue translucent viscous liquid
Form	Liquid
Odor	Alcohol-like
Odor threshold	No data available
pH	Not applicable
Melting point	Not applicable
Boiling point	ca 180°F (82°C) Estimated
Initial boiling point	No data available
Flash point	ca 54°F (12°C)- Closed cup
Evaporation rate	No data available
Flammability	Not applicable
Explosive limits	No data available
Auto ignition temperature	ca 800°F (430°C) Estimated
Danger of explosion	No data available
Vapor pressure	43hPa (at 68°F)
Vapor density	No data available

Relative density	No data available
Solubility in water	No data available
Decomposition temperature	No data available
Viscosity	No data available

SECTION 10: Stability and reactivity

10.1 Reactivity

Reacts with air to form peroxides.

10.2 Chemical stability

The product is stable at normal handling and storage condition

10.3 Possibility of hazardous reactions

Hazardous polymerization will not occur. Vapours may form explosive mixture with air.

10.4 Conditions to avoid

Vapors may form an explosive mixture with air.

10.5 Incompatible materials

Oxidizing agents. Bleaching agent. Strong acids. Aluminium. Halogenated compounds.

10.6 Hazardous decomposition products

Thermal decomposition products: Carbon monoxide. Carbon dioxide. Low molecular weights hydrocarbons.

SECTION 11: Toxicological information

11.1 Information on toxicological effects

Face Protection : Not classified (Based on available data, the classification criteria are not met)

2-Propanol (67-63-0)	
LD50 oral rat	5,045 mg/kg
LC50 dermal rabbit	12,800 mg/kg
LC50 inhalation rat (mg/l/4h)	37.5 mg/l – 4h

Skin : Not classified (Based on available data, the classification criteria are not met)

Eye : Calculation method: Causes eye irritation.

Inhalation : Not classified

Ingestion : Calculation method: May lead to respiratory arrest, hypotension, and myocardial suppression

Carcinogenic effects : Not classified (This product is or contains a component that is not classifiable as to its carcinogenicity based on its IARC, ACGIH, NTP, or EPA classification at concentration ≥ 0.1wt%)

2-Propanol (67-63-0)	
ACGIH	ACGIH A4 – Not Classified as a Human Carcinogen
IARC	IARC Group 3 – Not Classified as Carcinogen

Mutagenic effects : Not classified (Based on available data, the classification criteria are not met)

Reproductive toxicity	: Not classified (Based on available data, the classification criteria are not met)
Sensitization	: Not classified
Target organs	: Calculation method: May cause drowsiness or dizziness.

SECTION 12: Ecological information

12.1 Toxicity

Aquatic invertebrates	: Low toxicity to invertebrates.
Fish	: Low toxicity to fish.
Algae	: Low toxicity to algae.
Sediment Compartment	: Not classified.
Terrestrial Compartment	: Not classified.

12.2 Persistence and degradability

No additional information available

12.3 Bioaccumulative potential

No additional information available

12.4 Mobility in soil

No additional information available

12.5 Other adverse effects

Effect on ozone layer	: No additional information available
Effect on the global warming	: No additional information available

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Waste disposal recommendations	: Dispose of this material and its container to hazardous or special waste collection point. Recycle only completely emptied packaging. Containers must not be punctured or destroyed by burning, even when empty. Do not allow to enter drains, sewers, or watercourses. Do NOT landfill. Normal disposal is via incineration operated by an accredited disposal contractor. Send to a licensed recycler, reclaimer or incinerator. Dispose of this material and its container to hazardous or special waste collection point. Dispose at suitable refuse site.
Additional information	: Dried inactive material may be disposed of as municipal waste.

SECTION 14: Transport information

UN No.	1993
UN proper shipping name	FLAMMABLE LIQUID, N.O.S. (Contain Isopropanol)
Transport hazard class(es)	
DOT Class	3
DOT Label	3
DOT Special Provisions	IB2, T7, TP1, TP8, TP28
DOT Packaging Exceptions	150
DOT Packaging Non Bulk	202

DOT Packaging Bulk	242
DOT Quantity Limitations Passenger aircraft/rail	5L
DOT Quantity Limitations Cargo aircraft	60L
DOT Vessel Stowage Location	B
Transport by Sea/Air Transport	
IMDG Class	3
Special Provisions	274 601 640D
Limited Quantities	1L
Excepted Quantities	E2
Mixed Packing	P001 IBC02 R001
Instructions for Packages	
Special Packing Provisions for Packages	
Packing Instructions for Portable Tanks	T7
Special Provisions for Portable Tanks	TP1 TP8 TP28IMDG EMSF-E, S-E
Stowage and Handling Category	B
Segregation	
Marine Pollutant	
ICAO/IATA	

IATA Proper Shipping Name FLAMMABLE LIQUID, N.O.S.	
Excepted Quantities	E2
Passenger and Cargo Aircraft Limited Quantities Packing Instructions	Y341
Passenger and Cargo Aircraft Limited Quantities Max net Qty	1L
Passenger and Cargo Aircraft Packing Instructions	353
Passenger and Cargo Aircraft Max net Qty	5L
Cargo Aircraft Packing Instructions	364
Cargo Aircraft Max net Qty	60L
Special Provisions	A3
Emergency Response Guidebook (ERG) Code	3H
Labels	
Labels	3
	
Packing Group	2
Environmental Hazards	Not classified as a Marine Pollutant

Special Precautions for User	Not known.
Transport in bulk according To Annex II of Marpol and the IBC CODE	No information available

SECTION 15: Regulatory information

15.1 Safety, Health and Environmental Regulations/Legislation Specific for the Substance or Mixture

INTERNATIONAL INVENTORIES

EPA TSCA INVENTORY	: All of the components of this material are listed on the Toxic Substances Control Act (TSCA) Chemical Substances Inventory.
CANADIAN ENVIRONMENTAL PROTECTION ACT	: All of the ingredients are listed on the Canadian Domestic Substances List or NDSL.
AUSTRALIA	: All of the ingredients of this product are listed on the Australian Inventory of Chemical Substances (AICS).
CHINA	: All of the ingredients are listed on the Chinese chemical inventory.
KOREA	: All of the components of this product are listed on the Korean Existing Chemical List (KECL).

15.2 US Federal Regulations

Toxic and hazardous

Listed : 67-63-0

Substances (29 CFR 1910;
Subpart Z)

National emission
standards for hazardous
air pollutants (40 CFR 61.01)

Not Listed

Sara Title III Section 313

Not Listed

TSCA (Toxic Substance
Control Act)

Listed : 67-63-0 (Active), 9003-39-8 (Active), 9002-89-5 (Active)

CAA 602 – Ozone Depleting
Substances (ODS)

Not Listed

Toxic and hazardous

Listed : 67-63-0

15.3 US State Regulations

State Right to Know Lists

Proposition 65 (California)

Not listed

Minnesota

Listed : 67-63-0

New Jersey

Listed : 67-63-0

Pennsylvania

Listed : 67-63-0

Rhode Island

Listed : 67-63-0

15.4 Other

OSPAR List of Chemicals for Priority Action	Not listed
OSHA (List of Highly Hazardous Chemicals, Toxics and Reactives)	Not Listed
NTP (National Toxicology Program)	Not Listed
IARC (International Agency for Research on Cancer)	Listed : 67-63-0, 90003-39-8, 9002-89-5

SECTION 16: Other information

Indication of changes	01/15/2025
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