

LP LEGACY[®] POLYURETHANE FOAM CLEANER

SAFETY DATA

SECTION 1. IDENTIFICATION

PRODUCT IDENTIFIER:

LP Legacy[®] Polyurethane Foam Cleaner

RECOMMENDED USES:

Refer to Technical Information

USES ADVISED AGAINST:

Refer to Technical Information

MANUFACTURER CONTACT:

Louisiana-Pacific Corporation

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SECTION 2. HAZARDS IDENTIFICATION

CLASSIFICATION:

FLAMMABLE AEROSOLS - Category 1

SERIOUS EYE DAMAGE/EYE IRRITATION - Category 2A

SKIN CORROSION/IRRITATION - Category 3

SPECIFIC TARGET ORGAN TOXICITY (Repeated Exposure) - Category 2

SPECIFIC TARGET ORGAN TOXICITY (Single Exposure) - Category 2

SPECIFIC TARGET ORGAN TOXICITY (Single Exposure) - Category 3

TOXIC TO REPRODUCTION - Category 2

SIGNAL WORD:

Danger

PICTOGRAM:

SECTION 2. HAZARDS IDENTIFICATION (CONTINUED)

HAZARD STATEMENTS:

- Causes serious eye irritation.
- Extremely flammable aerosol.
- May cause damage to organs (heart, respiratory tract, central nervous system).
- May cause damage to organs through prolonged or repeated exposure (blood).
- May cause respiratory irritation.
- May cause drowsiness or dizziness.
- Suspected of damaging fertility or the unborn child.

PRECAUTIONARY STATEMENTS RESPONSE:

- Call a poison center or doctor if you feel unwell.
- Get medical advice/attention if you feel unwell.
- If exposed or concerned: Get medical advice/attention.
- If eye irritation persists: Get medical advice/attention.
- If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
- If inhaled: Remove person to fresh air and keep comfortable for breathing.

PREVENTION:

- Do not breathe fume, mist, vapors, spray.
- Do not eat, drink or smoke when using this product.
- Do not handle until all safety precautions have been read and understood.
- Do not spray on an open flame or other ignition source.
- Keep away from heat/sparks/open flame/hot surfaces. No smoking. Obtain special instructions before use.
- Pressurized container: Do not pierce or burn, even after use.
- Use only outdoors or in a well-ventilated area.
- Wash thoroughly after handling.
- Wear eye protection/face protection.
- Wear protective gloves/protective clothing/eye protection/face protection.

STORAGE:

- Protect from sunlight. Do not expose to temperatures exceeding 50° C/122° F.
- Store in a well-ventilated place. Keep container tightly closed.
- Store locked up.

DISPOSAL:

Dispose of contents/container in accordance with local, regional, national and international regulations.

INGREDIENTS OF UNKNOWN TOXICITY:

0%

OTHER HAZARDS:

None known.

SECTION 3. INGREDIENTS

CAS	INGREDIENT NAME	WEIGHT %
67-64-1	2-Propanone	50-75%
75-28-5	Isobutane	10-20%
74-98-6	Propane	10-20%

Occupational exposure limits, if available, are listed in Section 8.

SECTION 4. FIRST AID MEASURES

DESCRIPTION OF NECESSARY MEASURES:

IF EXPOSED OR CONCERNED: Get medical advice/attention. Call a POISON CENTER or doctor/physician. Get medical advice/attention if you feel unwell.

INHALATION:

IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. If symptoms persist, call a physician.

SKIN:

IF ON SKIN: Wash with plenty of soap and water. If skin irritation or rash occurs: Get medical advice/attention.

EYES:

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 or doctor if you feel unwell. If eye irritation persists: Get medical advice/attention.

INGESTION:

If a large amount is swallowed, get medical attention.

INDICATION OF ANY IMMEDIATE MEDICAL ATTENTION AND SPECIAL TREATMENT NEEDED:

Treat symptomatically and supportively.

MOST IMPORTANT SYMPTOMS/EFFECTS:

Acute:

Causes serious eye irritation. May cause damage to organs. May cause respiratory irritation. May cause drowsiness or dizziness.

Delayed:

Suspected of damaging fertility or the unborn child. May cause damage to organs through prolonged or repeated exposure.

SECTION 5. FIRE FIGHTING MEASURES

SUITABLE EXTINGUISHING MEDIA:

Use carbon dioxide, regular dry chemical, regular foam or water.

UNSUITABLE EXTINGUISHING MEDIA:

None known.

SPECIAL HAZARDS ARISING FROM THE CHEMICAL:

Extremely flammable aerosol. Pressurized container: may burst if heated. Vapors are heavier than air and may travel a considerable distance to a source of ignition and flashback. Vapor/air mixtures are explosive. During a fire, irritating and highly toxic gases may be generated by thermal decomposition or combustion.

HAZARDOUS COMBUSTION PRODUCTS:

Oxides of carbon, carbon monoxide.

FIRE FIGHTING MEASURES:

Move container from fire area if it can be done without risk. Cool containers with water from unmanned hose holder or monitor nozzles until well after fire is out. Stay away from the ends of tanks. For fires in cargo or storage area: If this is impossible then take the following precautions: Keep unnecessary people away, isolate hazard area and deny entry. Let the fire burn. Withdraw immediately in case of rising sound from venting safety device or any discoloration of tanks due to fire. For tank, rail car or tank truck: Stop leak if possible without personal risk. Let burn unless leak can be stopped immediately. For smaller tanks or cylinders, extinguish and isolate from other flammables. Evacuation radius: 800 meters (1/2 mile). Do not attempt to extinguish fire unless flow of material can be stopped first. Flood with fine water spray. Cool containers with water spray until well after the fire is out. Apply water from a protected location or from a safe distance. Stay upwind and keep out of low areas. Evacuate if fire gets out of control or containers are directly exposed to fire. 500 meters (1/3 mile). Consider downwind evacuation if material is leaking.

SPECIAL PROTECTIVE EQUIPMENT AND PRECAUTIONS FOR FIREFIGHTERS:

Wear self-contained breathing apparatus with a full facepiece and protective clothing. Avoid inhalation of material or combustion by-products. Move container from fire area if it can be done without risk.

SECTION 6. ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT AND EMERGENCY PROCEDURES:

Safe handling: see section 7. See Section 8 for personal protection information. Keep unnecessary people away, isolate hazard area and deny entry. Avoid contact with skin and eyes.

METHODS AND MATERIALS FOR CONTAINMENT AND CLEANING UP:

Avoid heat, flames, sparks and other sources of ignition. Do not spray on an open flame or other ignition sources. Pressurized container: Do not pierce or burn, even after use. Stop leak if possible without personal risk. Only personnel trained for the hazards of this material should perform clean up and disposal. Use non-sparking tools and equipment.

ENVIRONMENTAL PRECAUTIONS:

Do not flush into sanitary sewer systems, drains or surface water. Avoid release to the environment.

SECTION 7. HANDLING AND STORAGE

PRECAUTIONS FOR SAFE HANDLING:

Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Keep away from heat/sparks/open flame/hot surfaces - No smoking. Do not pierce or burn, even after use. Do not spray on an open flame or other ignition sources. Use only outdoors or in a well-ventilated area. Wear protective eye/face protection. Do not breathe dust/fume/gas/mist /vapors/spray. Wash thoroughly after handling. Do not eat, drink or smoke when using this product.

CONDITIONS FOR SAFE STORAGE INCLUDING ANY INCOMPATIBILITIES:

- Store in a well-ventilated place. Keep container tightly closed.
- Store locked up.
- Protect from sunlight.
- Do not expose to temperatures exceeding 50° C/122° F.

INCOMPATIBLE MATERIALS:

Oxidizing materials, bases, combustible materials, strong acids.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

OCCUPATIONAL EXPOSURE LIMITS:

INGREDIENT NAME	ACGIH TLV	OSHA PEL	STEL
2-Propanone	500 ppm	TWA 1000 ppm	TWA 750 ppm
Isobutane	1,000 ppm	N/A	1,000 ppm
Propane	1,000 ppm TWA	1,000 ppm PEL	N/A

PERSONAL PROTECTIVE EQUIPMENT:

Goggles, gloves.

ACGIH - THRESHOLD LIMIT VALUES - BIOLOGICAL EXPOSURE INDICES (BEI):

There are no biological limit values for any of this product's components.

ENGINEERING CONTROLS:

Ventilation equipment should be explosion-resistant if explosive concentrations of material are present. Provide local exhaust ventilation system. Ensure compliance with applicable exposure limits.

INDIVIDUAL PROTECTION MEASURES, SUCH AS PERSONAL PROTECTIVE EQUIPMENT:

Eye/Face Protection:

Wear splash resistant safety goggles. Provide an emergency eye wash fountain and quick drench shower in the immediate work area.

Skin Protection:

Wear appropriate chemical resistant clothing.

Respiratory Protection:

A NIOSH approved air-purifying respirator with an appropriate cartridge or canister may be appropriate under certain circumstances where airborne concentrations are expected to exceed exposure limits.

Glove Recommendations:

Wear appropriate chemical resistant gloves.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State	Aerosol
Color	Clear
Odor	Acetone
Odor Threshold	N/A
Solubility	Insoluble in water
Partition Coefficient Water/n-Octanol	N/A
VOC%	N/A
Viscosity	N/A
Specific Gravity	N/A
Density lbs/Gal	N/A
Pounds per Cubic Foot	N/A
Flash Point	N/A
FP Method	N/A
pH	N/A
Melting Point	N/A
Boiling Point	N/A
Boiling Range	N/A
LEL	1.5
UEL	12.5
Evaporation Rate	N/A
Flammability	N/A
Decomposition Temperature	N/A
Auto-ignition Temperature	N/A
Vapor Pressure	N/A
Vapor Density	N/A

Note: The above information is not intended for use in preparing product specifications. Contact LP before writing specifications.

SECTION 10. STABILITY AND REACTIVITY

REACTIVITY:

None known.

CHEMICAL STABILITY:

Stable under normal conditions of use.

POSSIBILITY OF HAZARDOUS REACTIONS:

Will not occur. Hazardous polymerization.

CONDITIONS TO AVOID:

Avoid contact with incompatible materials. Avoid heat, flames, sparks and other sources of ignition.

INCOMPATIBLE MATERIALS:

Oxidizing materials, bases, combustible materials, strong acids, halogens.

DECOMPOSITION:

Oxides of carbon, carbon monoxide.

SECTION 11. TOXICOLOGICAL INFORMATION

INFORMATION ON LIKELY ROUTES OF EXPOSURE:

Inhalation:

May cause respiratory irritation.

Skin Contact:

No information on significant adverse effects.

Eye Contact:

Causes serious eye irritation.

Ingestion:

No information on significant adverse effects.

IMMEDIATE EFFECTS:

Causes serious eye irritation. May cause damage to organs. May cause respiratory irritation. May cause drowsiness or dizziness.

DELAYED EFFECTS:

Causes serious eye irritation. May cause damage to organs. May cause respiratory irritation. May cause drowsiness or dizziness.

IRRITATION/CORROSIVITY DATA:

Causes serious eye irritation. May cause respiratory irritation.

RESPIRATORY SENSITIZATION:

No information available for the product.

DERMAL SENSITIZATION:

No information available for the product.

GERM CELL MUTAGENICITY:

No information available for the product.

REPRODUCTIVE TOXICITY:

No information available for the product.

SPECIFIC TARGET ORGAN TOXICITY - SINGLE EXPOSURE:

Heart, respiratory tract, central nervous system.

SECTION 11. TOXICOLOGICAL INFORMATION (CONTINUED)

SPECIFIC TARGET ORGAN TOXICITY - REPEATED EXPOSURE:

Blood.

ASPIRATION HAZARD:

No information available for the product.

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE:

Respiratory disorders, heart disorders, central nervous system disorders, blood system disorders.

COMPONENT ANALYSIS - LD50/LC50:

The components of this material have been reviewed in various sources and the following selected endpoints are published:

Acetone (67-64-1)

Inhalation LC50Rat 50100 mg/m³ 8 h

Propane (74-98-6)

Inhalation LC50Rat 658 mg/L 4 h

Isobutane (75-28-5)

Inhalation LC50Rat 658 mg/L 4 h Immediate Effects

Causes serious eye irritation. May cause damage to organs. May cause respiratory irritation. May cause drowsiness or dizziness.

COMPONENT CARCINOGENICITY:

Acetone (67-64-1)

ACGIH: A4 - Not Classifiable as a Human Carcinogen.

DFG:

Category 4 (no significant contribution to human cancer)

SECTION 12. ECOLOGICAL INFORMATION

COMPONENT ANALYSIS - AQUATIC TOXICITY:

Acetone (67-64-1)

Fish:

LC50 96 h Oncorhynchus mykiss 4.74 - 6.33 mL/L; LC50 96 h Pimephales promelas 6210 - 8120 mg/L [static];

LC50 96 h Lepomis macrochirus 8300 mg/L.

Invertebrate:

EC50 48 h Daphnia magna 10294 - 17704 mg/L [static]; EPA EC50 48 h Daphnia magna 12600 - 12700 mg/L IUCLID.

SECTION 13. DISPOSAL

DISPOSAL METHODS:

Dispose of contents/container in accordance with local/regional/national/international regulations. Do not allow to enter into ground-water, surface water or drains.

SECTION 14. TRANSPORT INFORMATION

UN NUMBER:

1950

UN PROPER SHIPPING NAME:

AEROSOLS

DOT CLASSIFICATION:

Hazard Class: 2.1

Required Label(s): 2.1

PACKING GROUP:

None assigned.

IATA, ICAO, IDMG, AND TDG INFORMATION:

Shipping Name: AEROSOLS, FLAMMABLE

Hazard Class: 2.1

UN#: UN1950

Required Label(s): 2.1

SECTION 15. REGULATORY INFORMATION

U.S. FEDERAL REGULATIONS:

This material contains one or more of the following chemicals required to be identified under SARA Section 302 (40 CFR 355 Appendix A), SARA Section 313 (40 CFR 372.65), CERCLA (40 CFR 302.4), TSCA 12(b), and/or require an OSHA process safety plan.

Acetone (67-64-1)

CERCLA: 5000 lb final RQ; 2270 kg final RQ

SARA Section 311/312 (40 CFR 370 Subparts B and C) Acute Health: Yes

Chronic Health: Yes

Fire: Yes

Pressure: Yes Reactivity: N

U.S. STATE REGULATIONS:

The following components appear on one or more of the following state hazardous substances lists:

Isocyanic acid, polymethylenepolyphenylene ester 9016-87-9 NJ

Acetone (67-64-1) CA, MA, MN, NJ, PA

Propane (74-98-6) MA, MN, NJ, PA

Isobutane (75-28-5) MA, NJ, PA

SECTION 15. REGULATORY INFORMATION (CONTINUED)

CALIFORNIA PROP 65:

Not listed under California Proposition 65.

CANADIAN WHMIS INGREDIENT DISCLOSURE LIST (IDL):

Components of this material have been checked against the Canadian WHMIS Ingredients Disclosure List. The list is composed of chemicals which must be identified on state SDSs if they are included in products which meet WHMIS criteria specified in the Controlled Products Regulations and are present above the threshold limits listed on the IDL.

SECTION 16. OTHER INFORMATION

U.S. FEDERAL REGULATION DISCLAIMER:

Disclaimer: The data contained herein is based upon information that LP believes to be reliable. Users of this product have the responsibility to determine that suitability of use and to adopt all necessary precautions to ensure the safety and protection of property and persons involved in said use. All statements or suggestions are made without warranty, expressed or implied, regarding the accuracy of the information, the hazards connected with the use of the material or the results to be obtained from the use thereof.

HMIS AND NFPA RATING:

HMIS Health: 3* Fire: 4 Reactivity: 1

NFPA Health: 2 Fire: 4 Reactivity: 1

Hazard Scale:

0 = Minimal

1 = Slight

2 = Moderate

3 = Serious

4 = Severe

* = Chronic hazard



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Emergency Phone: CHEMTREC 800-424-9300

⚠ CAUTION: KEEP OUT OF REACH OF CHILDREN. For professional use only. KEEP AWAY FROM HEAT (>50 °C/122 °F), SPARKS AND OPEN FLAME. DO NOT PUNCTURE OR INCINERATE CAN. DO NOT EXPOSE TO DIRECT SUNLIGHT. USE ONLY IN WELL VENTILATED AREAS. In case of eye contact, flush eye with water for 15 minutes and get immediate medical attention. For inhalation, move to fresh air. For skin contact, wash thoroughly with water and soap. If swallowed, drink large quantities of water, but do not induce vomiting. Call a physician immediately. Refer to SDS for further information.