

Safety Data Sheet

Liquid Rubber Canada Inc.

Section 1 - Identification

Product Name: Smart Strip Plus

Product Code: 63699

Product Use: This material is intended to be used as a cleaning product.

Not recommended for: No information available.

Supplied by:

Liquid Rubber Canada Inc.

1150 Eighth Line

Unit 16

Oakville, ON

L6H 2R4

T: 905-829-1133

TF: 855-592-1049

Emergency Phone Number:

CANUTEC

1 (888) CAN-UTEC (226-8832)

613-996-6666, or

*666 on a cellular phone

Service available 24 hr. / day

Section 2 - Hazard Identification



Signal Word: Danger

GHS Ratings:

Inhalation Toxicity	Acute Tox. 4	Gases>2500+<=5000ppm, Vapors>10+<=20mg/l, Dusts&mists>1+<=5mg/l
Skin corrosive	1A	Destruction of dermal tissue: Exposure < 3 min. Observation < 1 hour, visible necrosis in at least one animal
Eye corrosive	1	Serious eye damage: Irreversible damage 21 days after exposure, Draize score: Corneal opacity >= 3, Iritis > 1.5

GHS Hazards

H314	Causes severe skin burns and eye damage
H318	Causes serious eye damage
H332	Harmful if inhaled

GHS Precautions

P260	Do not breathe dust/fume/gas/mist/vapours/spray
P261	Avoid breathing dust/fume/gas/mist/vapours/spray
P264	Wash hands thoroughly after handling
P271	Use only outdoors or in a well-ventilated area
P280	Wear protective gloves/protective clothing/eye protection/face protection
P310	Immediately call a POISON CENTER or doctor/physician
P312	Call a POISON CENTER or doctor/physician if you feel unwell
P321	Specific treatment: refer to First-Aid Measures (Section 4) of this SDS
P363	Wash contaminated clothing before reuse

P301+P330+P331	IF SWALLOWED: Rinse mouth. Do NOT induce vomiting
P303+P361+P353	IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower
P304+P340	IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing
P305+P351+P338	IF IN EYES: Rinse continuously with water for several minutes. Remove contact lenses if present and easy to do - continue rinsing
P405	Store locked up
P501	Dispose of contents/container in accordance with local regulations.

Section 3 - Composition / Information on Ingredients

Chemical Name	CAS number	Weight Concentration %
BENZYL ALCOHOL	100-51-6	10.00% - 30.00%
ETHANOLAMINE	141-43-5	3.00% - 7.00%

Prescribed concentration ranges have been used to protect confidential business information.

Section 4 - First Aid Measures

Inhalation: Remove victim from exposure area immediately and keep them in fresh air at a rest position that is comfortable for breathing. If not breathing, if breathing is irregular, or if respiratory arrest occurs, administer artificial respiration or oxygen if trained personnel is available. It may be dangerous for the person administering aid to perform mouth-to-mouth resuscitation. Get medical attention. If unconsciousness occurs, place victim in recovery position and get medical attention immediately. Maintain an open airway.

Eye Contact: Flush eyes immediately with copious amounts of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Continue to rinse for at least 20 minutes.

Skin contact: Immediately flush contaminated skin with copious amounts of water. Continue to rinse for at least 20 minutes. Get medical attention if irritation develops or persists. Contaminated clothing should be removed in a manner limiting further exposure. Contaminated clothing must be washed before reuse. Clean footwear thoroughly before reuse.

Ingestion: Wash out mouth with water. Get medical attention immediately. Substance may be harmful if swallowed. If material has been swallowed and the exposed person is conscious, give small amounts of water to drink. Stop giving water if the exposed person feels ill, as vomiting may be dangerous. Do not induce vomiting unless directed to do so by medical personnel. If vomiting does occur, keep the victim's head low to prevent vomit from entering the lungs. Never give anything by mouth to an unconscious person.

Most Important Symptoms/Effects, acute and delayed:

Potential acute health effects:

Eye Contact: May cause eye irritation.

Skin contact: May cause skin irritation.

Inhalation: No known significant effects or critical hazards.

Ingestion: No known significant effects or critical hazards.

Indication of immediate medical attention and special treatment needed, if necessary:

Eye Contact: Adverse symptoms may include, but are not limited to, the following:

- Redness
- Pain or irritation
- Watering

Skin contact: Adverse symptoms may include, but are not limited to, the following:

- Pain or irritation
- Redness
- Blistering may occur

Inhalation: No known significant effects or critical hazards.

Ingestion: Adverse symptoms may include, but are not limited to, the following:

- Stomach pains

Specific Treatment: No specific treatment

Notes to physician: Treat symptomatically. Contact a poison treatment specialist immediately if large quantities have been ingested or inhaled.

Note: Refer to Section 11 for toxicological information

Section 5 - Firefighting Measures

Flash Point: Not Applicable

Suitable Extinguishing Media: Use dry chemical, CO₂, water spray (fog) or foam.

Unsuitable Extinguishing Media: Do not use water jet or water-based fire extinguishers.

Specific hazards arising from the chemical: If exposed to fire or extreme heat, closed containers may rupture.

Hazardous Decomposition Products: Hazardous decomposition products depend upon temperature, air supply, and the presence of other materials. Thermal decomposition can lead to the release of irritating gases and vapours.

Protective actions for fire-fighters: Move containers from fire area if this can be done without risk. Use water spray to keep fire-exposed containers cool.

Protective equipment for fire-fighters: Fire-fighters should wear appropriate protective equipment and a self-contained breathing apparatus (SCBA) with a full-face piece operated in positive pressure mode.

Section 6 - Accidental Release Measures

Personal precautions, Protective equipment, and Emergency Procedures: Keep unnecessary and unprotected personnel away from contaminated area. Do not touch or walk through spilled material. Put on appropriate personal protective equipment. Avoid breathing vapour or mist. Provide adequate ventilation. Wear an appropriate respirator when ventilation is inadequate. Avoid dispersal of spilled material and runoff to waterways, drains, sewers, and soil. If the product has caused environmental pollution, inform the relevant authorities (sewers, waterways, soil, or air).

Methods and Materials for containment and cleaning up: Stop leak if without risk. Move containers from spill area. Approach release from upwind. Prevent entry into sewers, water courses, basements, or confined spaces. Contain and collect spillage with inert, absorbent material such as sand or earth. Do not use combustible materials such as saw dust. Sweep or scrape up contaminated absorbent material and containerize. Contaminated absorbent material may pose the same hazard as the spilled product. Dispose of contaminated material according to local regional regulations.

Note: See Section 1 for emergency contact information and Section 13 for waste disposal.

Section 7 - Handling and Storage

Handling Precautions: Put on appropriate personal protective equipment (see Section 8). Do not handle until all safety precautions have been read and understood. Avoid exposure during pregnancy. Do not get in eyes or on skin or clothing. Do not ingest. Avoid breathing vapor or mist. Use only with adequate ventilation. When ventilation is inadequate, wear an appropriate respirator. Keep in the original container or an approved alternative made from compatible material. Keep container closed tightly when not in use. Empty containers retain product residue and can be hazardous. Do not reuse container.

Conditions for safe storage, including any incompatibilities: Keep from freezing. Store in accordance with local regulations. Store in original container in a cool, dry, well-ventilated area protected from direct sunlight. Keep away from food and drink. Keep away from incompatible materials (see Section 10). Keep container sealed and closed tightly until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabeled containers. Use appropriate containment to avoid environmental contamination.

Section 8 - Exposure Controls / Personal Protection

Chemical Name / CAS No.	OSHA Exposure Limits	ACGIH Exposure Limits	Other Exposure Limits
BENZYL ALCOHOL 100-51-6	Not Established	Not Established	Not Established
ETHANOLAMINE 141-43-5	3 ppm TWA; 6 mg/m3 TWA	6 ppm STEL 3 ppm TWA	NIOSH: 3 ppm TWA; 8 mg/m3 TWA 6 ppm STEL; 15 mg/m3 STEL

Engineering Controls: Use only with adequate ventilation. Good general ventilation should be sufficient to control airborne levels. If user operations generate dust, fumes, or mist use ventilation to minimize exposure.

Personal Protective Equipment: Safety eyewear with side shields complying with an approved standard should be worn to avoid exposure to liquid splashes, mists, dusts, or gases. Chemical-resistant, impervious gloves complying with an approved standard should be worn at all times when handling chemical products. A properly fitted respirator that complies with an approved standard and is specified for protection against paint spray mist and organic vapours should be used when working in restricted and confined areas. Appropriate footwear and any additional protection measures should be selected based on the task being performed and the risks involved.

Hygiene Measures: Hands and face should be washed thoroughly before eating, drinking, smoking, or using the lavatory. Any potentially contaminated clothing should be removed and must be washed before reuse. Contaminated clothing and protective equipment should be removed before entering eating areas.

Section 9 - Physical and Chemical Properties

This product typically exhibits the following Physical Properties under normal circumstances.

<p>Freezing point: ~0°C</p> <p>Specific Gravity 1.01</p> <p>Evaporation rate: Close to water</p> <p>Solubility: Soluble</p> <p>Autoignition temperature: Not Available</p> <p>Viscosity: Water Thin</p>	<p>Vapor Density: 3.3</p> <p>Appearance: White Liquid</p> <p>Flammability Not Available</p> <p>Partition coefficient (n-octanol/water): Not Available</p> <p>Decomposition temperature: Not Available</p> <p>Boiling range: ~100°C</p>
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Flash Point: Not Applicable

<p>Upper and Lower Not Available</p> <p>Flammability or Explosive Limits</p> <p>Odour: Almond</p> <p>pH: 11.15 - 11.40</p>	<p>Vapor Pressure: 0.13 mmHg</p> <p>Odour threshold: Not Available</p> <p>Melting point: Not Available</p>
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Section 10 - Stability and Reactivity

Reactivity: No specific test data related to reactivity available for this product or its ingredients.

Chemical Stability: The product is stable.

Possibility of Hazardous Reactions: Under normal conditions of storage and use, hazardous reactions will not occur.

Conditions to Avoid: Avoid high temperatures. Keep from freezing.

Incompatible Materials: None known.

Hazardous Decomposition: Under normal conditions of storage and use, hazardous decomposition products should not be produced. Hazardous decomposition products depend upon temperature, air supply, and the presence of other materials. Thermal decomposition can lead to the release of irritating gases and vapours.

Section 11 - Toxicological Information

Mixture Toxicity

Not determined

Component Toxicity

100-51-6	<p>BENZYL ALCOHOL</p> <p>Oral LD50: 1,230 mg/kg (Rat)</p> <p>Dermal LD50: 2 g/kg (Rabbit)</p> <p>Inhalation LC50: 9 mg/L (Rat)</p>
141-43-5	<p>ETHANOLAMINE</p> <p>Oral LD50: 1,720 mg/kg (Rat)</p> <p>Dermal LD50: 1,000 mg/kg (Rabbit)</p> <p>Inhalation LC50: 1 mg/L (Mouse)</p>

Target Organs: Eyes Central Nervous System Skin Respiratory System

Effects of Overexposure: No known significant effects or critical hazards.

Potential acute health effects:

Eye Contact: May cause eye irritation.

Skin contact: May cause skin irritation.

Inhalation: No known significant effects or critical hazards.

Ingestion: No known significant effects or critical hazards.

Symptoms related to the physical, chemical, and toxicological characteristics:

Eye Contact: Adverse symptoms may include, but are not limited to, the following:

- Redness
- Pain or irritation
- Watering

Skin contact: Adverse symptoms may include, but are not limited to, the following:

- Pain or irritation
- Redness
- Blistering may occur

Inhalation: No known significant effects or critical hazards.

Ingestion: Adverse symptoms may include, but are not limited to, the following:

- Stomach pains

Delayed and immediate effects, including chronic effects from short and long term exposure:

Short term exposure: No known significant effects or critical hazards.

Long term exposure: No known significant effects or critical hazards.

Potential chronic health effects:

General: No known significant effects or critical hazards.

Carcinogenicity: No known significant effects or critical hazards.

Mutagenicity: No known significant effects or critical hazards.

Teratogenicity: No known significant effects or critical hazards.

Developmental effects: No known significant effects or critical hazards.

Fertility effects: No known significant effects or critical hazards.

Section 12 - Ecological Information
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Persistence and Degradability: No data available

Bioaccumulative Potential: No data available

Mobility in soil: No data available

Other adverse effects: No data available

Component Ecotoxicity: No Data Available

Section 13 - Disposal Considerations

Contact your local municipal office for specific disposal guidelines in your region. The generation of waste should be avoided or minimized wherever possible. Disposable of this product, solutions and any by-products should comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Dispose of surplus and non-recyclable products via a licensed waste disposable contractor. Waste should not be disposed of untreated to the sewer unless fully compliant with the requirements of all authorities with jurisdiction. Waste packaging should be recycled. Incineration or landfill should only be considered when recycling is not feasible. This material and its container must be disposed of in a safe manner. Care should be taken when handling empty containers that have not been cleaned or rinsed out. Empty containers or liners may retain some product residues. Avoid dispersal of spilled material and runoff, and contact with soil, waterways, drains and sewers.

Section 14 - Transport Information

<u>Agency</u>	<u>Proper Shipping Name</u>	<u>UN Number</u>	<u>Packing Group</u>	<u>Hazard Class</u>	<u>Additional Information</u>
IATA/ICAO	Corrosive liquid, basic, organic, n.o.s. (ethanolamine)	3267	III	8	Limited Quantity up to 1L
IMDG	CORROSIVE LIQUID, BASIC, ORGANIC, N.O.S. (ethanolamine)	3267	III	8	Limited Quantity up to 5L
TDG	CORROSIVE LIQUID, BASIC, ORGANIC, N.O.S. (ethanolamine)	3267	III	8	Limited Quantity up to 5L

Section 15 - Regulatory Information

Canada

This product has been classified in accordance with the hazard criteria of the Hazardous Products Regulation (HPR) and WHMIS 2015. The SDS contains all of the information required by WHMIS 2015 and the Hazardous Products Regulation (HPR).

Section 16 - Other Information

Legend:

RTU - Ready to Use

RTS - Ready to Spray

GHS - Globally Harmonized System of Classification and Labelling
Chemicals CAS - Chemical Abstracts Service

IARC - International Agency for Research on Cancer

OSHA - Occupational Safety and Health Administration (United States)

ACGIH - American Conference of Governmental Industrial Hygienists

NIOSH - National Institute for Occupational Safety and Health (United States) EPA - Environmental Protection Agency (United States)

UN - United Nations

IATA - International Air Transport Association

ICAO - International Civil Aviation Organization

IMDG - International Maritime Dangerous Goods

Code TDG - Transportation of Dangerous Goods

IUCLID - International Uniform Chemical Information

Database CNS - central nervous system

CO2 - carbon dioxide

LC50 - concentration of a chemical in water or air which causes death in one half (50%) of a group of test

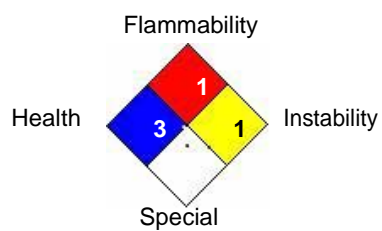
animals LD50 - amount of a chemical, given all at once, which causes death in one half (50%) in a group of test

animals EC50 - effective concentration of a substance that causes 50% of the maximum response

STEL - short term exposure limit

TWA - time weighted average

National Fire Protection Association (NFPA)



Notice to Reader:

To the best of our knowledge, the information contained herein is accurate. However, Liquid Rubber Canada Inc. assumes any liability whatsoever for the accuracy or completeness of the information contained herein.

Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.

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