

# MSDS | Material Safety Data Sheet

## Bond-Aid Primer

### Section 1 – Chemical Product and Company Identification

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**MSDS Name:** Bond-Aid Primer

**Company Identification:** Lost Artistry LTD. 944 North Park St. · Victoria, BC, Canada · V8T 1T6

### Section 2 – Composition and Ingredient Information

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Ingredients	CAS No.	% Content
H2O	7732-18-5	<20%
Ethyl alcohol	64-17-5	>50%
PVP	9003-39-8	<15%
Sodium Polyacrylate	9003-04-7	<15%

### Section 3 – Hazards Identification

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**Emergency overview:** This product is a colourless liquid.

**Flash Point:** 166°C - Flammable liquid and vapor.

**Potential Health Effects:**

**Eye:** Causes eye irritation. May cause painful sensitization to light.

**Skin:** Causes moderate skin irritation

**Ingestion:** May cause gastrointestinal irritation with nausea, vomiting, and diarrhea.

**Inhalation:** Causes respiratory tract irritation. May cause narcotic effects in high concentration. Vapors may cause dizziness or suffocation.

### Section 4 – First Aid Measures

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**Inhalation:** Remove client to fresh air, and keep at rest in a position comfortable for breathing.

**Eye Contact:** Immediately flush eyes with plenty of water for 15-20 minutes, occasionally gently lifting the upper and lower eyelids and flushing. Seek medical attention.

**Skin Contact:** Flush skin with plenty of water for at least 15 minutes and remove contaminated clothing. Wash skin with plenty of soap and water. Wash clothing before reuse.

**Ingestion:** Do NOT induce vomiting. Drink water. Seek medical aid immediately.

## Section 5 – Fire Fighting Measures

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**General Hazards:** Containers can build up pressure if exposed to heat and/or fire. As in any fire, wear a self contained breathing apparatus and full protective gear. Vapours may form an explosive mixture with air. Vapours can travel to a source of ignition and flash back.

**Flash Point:** 168°C

**Auto Ignition Temperature:** 363°C

**Explosion Limits:**

**Lower:** 3.3 vol. %

**Upper:** 19.0 vol. %

**Suitable Extinguishing Media:** For small fires, use dry chemicals, carbon dioxide, water spray or alcohol resistant foam. For large fires, use water spray, fog, or alcohol resistant foam. Do NOT use straight streams of water.

**Protective Equipment:** Proper protective equipment including breathing apparatus must be worn when approaching a fire in a confined space.

**NFPA Rating:** Est. Health - 2, Est. Flammability - 3, Est. Instability - 0

## Section 6 – Accidental Release Measures

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**Personal Precautions (for non-emergency and emergency responders):** Wear protective equipment.

**Spills:** Absorb spill with inert material (eg. vermiculite, sand, earth), then place in suitable container. Remove all sources of ignition. Use a spark proof tool. Provide ventilation. A vapor suppressing foam may be used to reduce vapors.

## Section 7 – Handling and Storage

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**Handling Precautions:** Wash hands thoroughly after handling. Use only in a well ventilated area. Avoid contact with eyes, skin, and clothing. Empty containers retain product residue (liquid and/or vapor), and can be dangerous. Keep container tightly closed. Avoid ingestion and inhalation.

**Storage Requirements:** Keep container tightly closed and away from heat, sparks, and flame. Keep away from sources of ignition. Keep from contact with oxidizing materials. Store in a cool, dry, well-ventilated area away from incompatible substances. Do not store near perchlorates, peroxides, chromic acid or nitric acid.

## Section 8 – Exposure Controls and Personal Protection

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**Exposure Protection:** Use only in a well ventilated area. Facilities storing or using this material should be equipped with an eyewash facility.

**Personal Protective Equipment:** Protective gloves, face masks, safety glasses, and appropriate protective clothing are recommended.

## Section 9 – Physical and Chemical Properties

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**Physical State:** Clear liquid

**Odour:** Mild, Quite pleasant.

**pH:** N/A

**Boiling Point:** N/A

**Flash Point:** 166°C

**Flammability:** Both liquid and vapour

**Evaporation Rate:** N/A

**Ignition Temperature:** 363°C

**Melting/Freezing point:** -114.1°C

**Solubility:** Miscible

**Vapour Density:** 1.59

**Vapour Pressure:** 59.3

## Section 10 – Stability and Reactivity

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**Reactivity:** No special reactivity has been reported.

**Stability:** This material is stable under normal temperatures and pressures.

**Conditions to Avoid:** Incompatible materials, ignition sources, excess heat, oxidizers.

**Incompatible Materials:** Strong oxidizing agents, acids, alkali metals, ammonia, hydrazine, peroxides, sodium, acid anhydrides, calcium hypochlorite, chromyl chloride, nitrosyl perchlorate, bromine pentafluoride, perchloric acid, silver nitrate, mercuric nitrate, potassium-tert-butoxide, magnesium perchlorate, acid hexafluoride, silver oxide, iodine heptafluoride, acetyl bromide, disulfur difluoride, tetrachlorosilane+water, acetyl chloride, permanganic acid, ruthenium (VIII) oxide, uranyl perchlorate, potassium dioxide.

**Hazardous Decomposition Products:** Carbon Monoxide, irritating and toxic fumes and gasses, carbon dioxide,

## Section 11 – Toxicological Information

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**Inhalative Toxicity:** Irritating

**Skin Irritation:** Not expected to be a skin sensitiser

**Eye Irritation:** Causes eye irritation and possible light sensitization

**Carcinogenicity:** No data available.

**Acute Toxicity:** No data available.

## Section 12 – Ecological Information

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**Ecotoxicity:** Rainbow Trout: LC50=12900 mg/L; 96 Hr; Flow - through @ 24-24.3°C

When spilled on land, it is apt to volatilize, biodegrade, and leach into the groundwater, but no data on the rates of these processes could be found. It's fate in ground water is unknown. When released into water it will volatilize and probably biodegrade.

## Section 13 – Disposal Consideration

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**Material Disposal:** It is the responsibility of the waste generator to determine the toxicity and physical properties of the material generated to determine the proper waste classification and disposal methods in compliance with applicable regulations. No not dispose into the environment, in drains, or in water courses.

**Container Disposal:** Dispose in accordance with applicable regional, national, and local laws and regulations.

## Section 14 – Transport Information

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**No Data**

## Section 15 – Regulatory Information

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**Hazard Symbols:** Not listed

**Risk Phrases:** Highly Flammable

**Safety Phrases:** Keep away from sources of ignition, keep container tightly closed. Keep container in a well ventilated place.

## Section 16 – Other Information

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