

**Bacolac Professional Sandable Sealer**

**Section 1 Identification**

**Product identifiers**

Bacolac Professional Sandable Sealer

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

Clear lacquer coating for sealing and smoothing surfaces. For industrial / professional use only.

**Details of the supplier of the safety data sheet:**

Freeman Manufacturing & Supply Company  
1101 Moore Road, Avon, OH 44011  
Telephone: +1 (440) 934-1902  
Email: contactus@freemansupply.com

**24 Hour Emergency Number**  
**(800) 535-5053**  
**#105918**

**Section 2 Hazards Identification**

**GHS Classification in accordance with 29 CFR 1910.1200 (OSHA HCS)**

Flammable liquid, Category 3  
Eye irritation, Category 2B  
Respiratory irritation, Category 3  
Skin irritation, Category 3

**GHS Label elements**



**Danger**

**Hazard statements**

H226: Flammable liquid and vapor.  
H335 + H336: Vapors may cause respiratory irritation and dizziness.  
H320: Eye irritation.  
H313: Skin irritation.  
H303: May cause diarrhea if swallowed.  
H402: Harmful to aquatic life.

**Precautionary statements**

**P210:** Keep away from heat/hot surfaces/sparks/open flames and other ignition sources. (No Smoking).  
**P233:** Keep closed when not in use.  
**P271:** Use only outdoors or in a well-ventilated area  
**P280:** Wear protective gloves/protective clothing /eye protection/face protection.  
**P261:** Avoid breathing dust/fume/gas/mist/vapours/spray.  
**P264:** Wash ... thoroughly after handling.  
**P304:** IF INHALED: Remove to fresh air.  
**P303:** IF ON SKIN/HAIR: Remove clothing immediately. Immediately flush skin with plenty of water.  
**P312:** Call a POISON CENTER or doctor/physician if you feel unwell.  
**P370:** In case of a fire: Use Alcohol Foam, CO2, Dry Chemical, Foam & Water Fog.  
**P403 + P233 + P235:** Store in a well-ventilated place. Keep container tightly closed and keep cool.  
**P501:** Dispose of contents/container to an appropriate treatment and disposal facility in accordance with applicable laws and regulations, and product characteristics at time of disposal.

## Bacolac Professional Sandable Sealer

### Section 3 Composition/Information on Ingredients

Ingredient Name	CAS Number	Weight Concentration %
2-Butanone	78-93-3	27.0
Toluene	108-88-3	25.0
n-Butyl acetate	123-89-4	6.0
2-Methyl-4-Pentanone	108-10-1	4.0
Isopropanol	67-63-0	4.0

### Section 4 First Aid Measures

#### Description of first aid measures

**Inhalation:** Remove victim to fresh air and keep at rest in a comfortable position for breathing. Oxygen or artificial respiration if needed. Call a poison center or doctor/physician if you feel unwell.

**Skin contact:** Take off immediately all contaminated clothing. Rinse skin with water/shower. If skin irritation occurs: Get medical advice/attention. Wash contaminated clothing before reuse.

**Eye contact:** Immediately flush eyes with plenty of water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical attention if irritation develops and persists.

**Ingestion:** Call a physician or poison control center immediately. Rinse mouth. Do not induce vomiting. If vomiting occurs, keep head low so that stomach content doesn't get into the lungs.

#### General information

Take off all contaminated clothing immediately. If exposed or concerned: Get medical advice/attention. If you feel unwell, seek medical advice (show the label where possible). Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves. Show this safety data sheet to the doctor in attendance. Wash contaminated clothing before reuse.

### Section 5 Fire-Fighting Measures

#### Extinguishing media

Use water fog, alcohol resistant foam, dry chemical powder. carbon dioxide (CO<sub>2</sub>).

Do not use water jet as an extinguisher, as this will spread the fire.

#### Specific fire and explosion hazards

Vapors may form explosive mixture with air. Vapors can travel to a source of ignition and flash back.

"Empty" containers retain product residue (liquid and/or vapor) and can be dangerous. DO NOT PRESSURIZE, CUT, WELD, BRAZE, SOLDER, DRILL, GRIND, OR EXPOSE SUCH CONTAINERS TO HEAT, FLAME, SPARKS, STATIC ELECTRICITY, OR OTHER SOURCES OF IGNITION; THEY MAY EXPLODE AND CAUSE INJURY OR DEATH. Empty drums should be completely drained, properly bunged and promptly returned to a drum reconditioner, or properly disposed of.

#### Special protective equipment and precautions for firefighters

As in any fire, wear self-contained breathing apparatus pressure-demand (MSHA/NIOSH approved or equivalent) and full protective gear.

### Section 6 Accidental Release Measures

#### Personal precautions, protective equipment and emergency procedures

Absorb spill with inert material (e.g. dry sand or earth), then place in a chemical waste container. Avoid runoff into storm sewers and ditches which lead to waterways. Wear a self-contained breathing apparatus and appropriate personal protective equipment. (See Exposure Controls/Personal Protection Section)

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**Section 6 Accidental Release Measures**

**Environmental precautions**

Avoid discharge into drains, water courses or onto the ground.

**Methods and materials for containment and cleaning up**

Eliminate all ignition sources (no smoking, flares, sparks, or flames in immediate area). Keep combustibles (wood, paper, oil, etc.) away from spilled material. Take precautionary measures against static discharge. Use only non-sparking tools. This product is miscible in water. Absorb with earth, sand or other non-combustible material and transfer to containers for later disposal. Wipe up with absorbent material (e.g. cloth, fleece). Clean surface thoroughly to remove residual contamination.

**Section 7 Handling and Storage**

**Precautions for safe handling**

Do not handle until all safety precautions have been read and understood. Do not handle, store or open near an open flame, sources of heat or sources of ignition. Protect material from direct sunlight. When using do not smoke. Explosion-proof general and local exhaust ventilation. Take precautionary measures against static discharges. All equipment used when handling the product must be grounded. Use non-sparking tools and explosion-proof equipment. Do not breathe mist/vapors. Avoid contact with eyes, skin, and clothing. Avoid prolonged exposure. Pregnant or breastfeeding women must not handle this product. Should be handled in closed systems, if possible. Use only outdoors or in a well-ventilated area. Wear appropriate personal protective equipment. Wash hands thoroughly after handling. Observe good industrial hygiene practices.

**Conditions for safe storage, including any incompatibilities**

Keep away from heat, sparks and open flame. Prevent electrostatic charge build-up by using common bonding and grounding techniques. Store in a cool, dry place out of direct sunlight. Store in tightly closed container. Store in a well-ventilated place. Keep in an area equipped with sprinklers. Store away from incompatible materials (see Section 10 of the SDS).

**Section 8 Exposure Controls/Personal Protection**

**Components with workplace control parameters**

<b>Ingredient Name</b>	<b>NIOSH:</b>	<b>ACGIH TLV</b>
2-Butanone (CAS 78-93-3)	STEL 885 mg/m <sup>3</sup> TWA 590 mg/m <sup>3</sup>	STEL 300 ppm TWA 200 ppm
Toluene (CAS 108-88-3)	STEL 560 mg/m <sup>3</sup> TWA 375 mg/m <sup>3</sup>	TWA 20 ppm
n-Butyl acetate (CAS 123-89-4)	Not available	STEL 200 ppm TWA 150 ppm
2-Methyl-4-Pentanone (CAS 108-10-1)	STEL 300 mg/m <sup>3</sup> TWA 205 mg/m <sup>3</sup>	STEL 75 ppm TWA 20 ppm
Isopropanol (CAS 67-63-0)	STEL 1225 mg/m <sup>3</sup> TWA 980 mg/m <sup>3</sup>	STEL 400 ppm TWA 200 ppm

**Appropriate engineering controls**

Explosion-proof general and local exhaust ventilation. Good general ventilation should be used. Ventilation rates should be matched to conditions. If applicable, use process enclosures, local exhaust ventilation, or other engineering controls to maintain airborne levels below recommended exposure limits. If exposure limits have not been established, maintain airborne levels to an acceptable level. Provide eyewash station and safety shower.

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**Section 8 Exposure Controls/Personal Protection**
**Personal protective equipment (PPE)**

**Eye/face protection:** Safety glasses with side shields or chemical goggles and full facepiece is recommended if splashing is expected. An eyewash station and safety shower should be made available.

**Hand and skin protection:** Wear appropriate chemical resistant gloves (natural latex and neoprene recommended). Wear appropriate chemical resistant clothing. Use of an impervious apron is recommended. Toluene (CAS 108-88-3) Can be absorbed through the skin.

**Respiratory protection:** Chemical respirator with organic vapor cartridge and full facepiece must be worn, if ventilation or other mechanical means cannot maintain airborne concentrations below recommended exposure limits.

**General hygienic practices**

Observe any medical surveillance requirements. When using do not smoke. Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants.

**Section 9 Physical and Chemical Properties**

<b>Appearance</b>	Colorless clear liquid
<b>Odor</b>	Solvent
<b>Odor Threshold</b>	No data available
<b>pH</b>	Not applicable
<b>Melting point</b>	Not applicable
<b>Freezing point</b>	Not applicable
<b>Boiling point</b>	174°F (79°C) Estimated
<b>Flash point (Tag closed-cup)</b>	23°F (-5°C)
<b>Evaporation rate</b>	>1 (Butyl acetate = 1)
<b>Lower explosive limit</b>	1.1% Estimated
<b>Upper explosive limit</b>	12.7% Estimated
<b>Vapor pressure</b>	33.22 hPa at 20°C
<b>Vapor density</b>	>1 (Air = 1)
<b>Specific gravity</b>	0.9000 ± 0.005
<b>Pounds per gallon</b>	7.5 ± 0.2 lb./gal
<b>Water solubility</b>	No data available
<b>Coefficient: n-octanol/water</b>	No data available
<b>Auto-ignition temperature</b>	No data available
<b>Decomposition temperature</b>	Not determined
<b>Viscosity (#5 Zahn)</b>	13-15 seconds
<b>VOC</b>	5.77 ± 0.20 lb./gallon (692 g/L)

**Section 10 Stability and Reactivity**
**Reactivity**

The product is stable and non-reactive under normal conditions of use, storage and transport.

**Chemical stability**

Material is stable under normal conditions. Stable under normal conditions.

**Possibility of hazardous reactions**

No dangerous reaction known under conditions of normal use.

**Conditions to avoid**

Avoid heat, sparks, open flames and other ignition sources. Suitable precautions should be utilized if using this product at temperatures above the flash point. Contact with incompatible materials.

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### Section 10 Stability and Reactivity

#### Incompatible materials

Acids. Strong oxidizing agents.

#### Hazardous decomposition

No hazardous decomposition products are known.

### Section 11 Toxicological Information

#### Information on toxicological effects

Ingredient Name	Dermal LD50	Oral LD50
2-Butanone (CAS 78-93-3)	Rabbit > 8000 mg/kg	Not available
Toluene (CAS 108-88-3)	Rabbit 12120 mg/kg	Rat 2.6 g/kg
n-Butyl acetate (CAS 123-89-4)	Rabbit 16 ml/kg	Rat 14,130 mg/kg
2-Methyl-4-Pentanone (CAS 108-10-1)	Rabbit > 16000 mg/kg	Not available
Isopropanol (CAS 67-63-0)	Rabbit 12800 mg/kg	Rat 4.7 g/kg

#### Information on likely routes of exposure

**Inhalation:** Excessive inhalation can cause nasal and respiratory irritation, dizziness, weakness, fatigue, nausea, headache, possible unconsciousness and even asphyxiation.

**Eye contact:** Irritation, redness, tearing, or blurred vision.

**Skin contact:** Prolonged or repeated contact can cause moderate irritation, defatting, or dermatitis

**Ingestion:** Can cause gastrointestinal irritation, nausea, vomiting, or diarrhea.

#### Information on toxicological effects

**Acute toxicity:** May be fatal if swallowed and enters airways. Harmful if inhaled.

May cause drowsiness or dizziness. Headache. Nausea, vomiting.

**Skin corrosion/irritation:** Causes skin irritation. May cause redness and pain.

**Serious eye damage/eye irritation:** Causes serious eye irritation.

Symptoms may include stinging, tearing, redness, swelling, and blurred vision.

**Respiratory sensitization:** Not a respiratory sensitizer.

**Skin sensitization:** This product is not expected to cause skin sensitization.

**Germ cell mutagenicity:** No data available to indicate product or any components present at greater than 0.1% are mutagenic or genotoxic.

**Carcinogenicity** Suspected of causing cancer.

2-Methyl-4-Pentanone (CAS 108-10-1) 2B Possibly carcinogenic to humans. (IARC)

**Reproductive toxicity:** No data available.

**Specific target organ toxicity - single exposure:** No data available.

**Specific target organ toxicity - repeated exposure:** No data available.

**Aspiration:** May be fatal if swallowed and enters airways. May cause pulmonary edema and pneumonitis.

### Section 12 Ecological Information

**Ecotoxicity:** Harmful to aquatic life.

**Persistence and degradability:** No data is available on the degradability of any ingredients in the mixture.

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**Section 12 Ecological Information**

**Bioaccumulative potential**

Ingredient Name	Partition coefficient n-octanol / water (log Kow)
2-Butanone (CAS 78-93-3)	0.29
Toluene (CAS 108-88-3)	2.73
2-Methyl-4-Pentanone (CAS 108-10-1)	1.31
Isopropanol (CAS 67-63-0)	0.05

**Mobility in soil:** No data available

**Other adverse effects:** The product contains volatile organic compounds which have a photochemical ozone creation potential.

**Section 13 Disposal Considerations**

**Disposal**

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

**Waste from residues /unused products, and contaminated packaging**

Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe manner. Since emptied containers may retain product residue, follow label warnings even after container is emptied. Empty containers should be taken to an approved waste handling site for recycling or disposal.

**Section 14 Transport Information**

**DOT/IATA/IMDG**

**UN Number:** UN1263

**Proper Shipping Name:** Paint

**Hazard Class:** 3

**Packing Group:** II

**ERG Code:** 127

**Section 15 Regulatory Information**

**U.S. Federal Regulations**

**CERCLA Hazardous Substances, Reportable Quantity (RQ):** 2-Butanone (CAS 78-93-3) Listed, 2-Methyl-4-Pentanone (CAS 108-10-1) Listed, Toluene (CAS 108-88-3)

**EPCRA, Section 302 – Extremely Hazardous Substances (EHS):** No components listed

**EPCRA, Section 313 – Toxic Release Inventory (TRI) Chemicals:**


2-Methyl-4-Pentanone (108-10-1) 1-10%, Toluene (108-88-3) 60-80%

**Clean Air Act (CAA) Section 112 Hazardous Air Pollutants (HAPs) List:**

2-Methyl-4-Pentanone (CAS 108-10-1), Toluene (CAS 108-88-3)

**Clean Air Act (CAA) Section 112(r) Accidental Release Prevention (40 CFR 68.130):** Not regulated.

**U.S. State Regulations**

**California Proposition 65:**  **WARNING:** This product can expose you to chemicals including Toluene and 2-Methyl-4-Pentanone, which are known to the State of California to cause cancer or birth defects or other reproductive harm. For more information go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov).

**Inventory Status**

Canada Domestic Substances List (DSL): All components listed

United States & Puerto Rico Toxic Substances Control Act (TSCA) Inventory: All components listed

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**Section 16 Other Information**

**HMIS** Health = 2  
Flammability = 3  
Reactivity = 1

**Disclaimer**

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