



SAFETY DATA SHEET

Precision Mastermade Paints, Inc.
Joplin, MO 64804

Section 1—Product and Company Identification

Product Number: LC4081
Product Name: PERMA BOND
Manufacturer's Name: Precision Mastermade Paints, Inc.
8040 E. Alliance Parkway, Joplin, MO 64804
Phone: 417-659-8900
Fax: 417-659-8901
Emergency: 800-535-5053
Website:

Section 2—Hazard(s) Identification

WARNING! Flammable liquid and vapor.



**HMIS Codes?

Health: 3
Flammability: 2
Reactivity: 0

Inhalation of may cause irritation of the upper respiratory system

Causes skin and eye irritation

Keep away from sources of ignition

Do not breathe gas, fumes, vapor, or spray

Section 3—Composition/Information on Ingredients

PFSDS Components

| % by Weight | CAS Number | ComponentName | Unit | Vapor-Pressure |
|-------------|------------|----------------|-----------|----------------|
| 8.27 | 100-41-4 | Ethylbenzene | | 7.0 mmhg@20c |
| | | ACGIH TLV | 100 Mg/M3 | |
| | | ACGIH TLV STEL | 125 Mg/M3 | |
| | | OSHA PEL | 100 Mg/M3 | |
| | | OSHA PEL STEL | 125 Mg/M3 | |
| 46.78 | 108-10-1 | MIBK | | 26.4 hPa @ 25c |
| | | ACGIH TLV | 20 Mg/M3 | |
| | | ACGIH TLV STEL | 75 Mg/M3 | |
| | | OSHA PEL | 100 Mg/M3 | |
| | | OSHA PEL STEL | 75 Mg/M3 | |

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|-------|-----------|----------------------|-----|----------------|
| 33.08 | 1330-20-7 | Xylene | 6.6 | 6.6 mmhg @ 20c |
| | | ACGIH TLV | 100 | Mg/M3 |
| | | ACGIH TLV STEL | 150 | Mg/M3 |
| | | OSHA PEL | 100 | Mg/M3 |
| | | OSHA PEL STEL | 150 | Mg/M3 |
| 0.12 | 77-58-7 | dibutyltin dilaurate | | |
| | | ACGIH TLV | 0 | ppm |
| | | ACGIH TLV STEL | | ppm |
| | | OSHA PEL | 0 | ppm |
| | | OSHA PEL STEL | | ppm |
| 5.87 | 9003-22-9 | Vinyl Chloride | | |
| | | ACGIH TLV | 0 | ppm |
| | | ACGIH TLV STEL | | ppm |
| | | OSHA PEL | 0 | ppm |
| | | OSHA PEL STEL | | ppm |
| 5.87 | B72 | ACRYLIC | | |
| | | ACGIH TLV | | ppm |
| | | ACGIH TLV STEL | | ppm |
| | | OSHA PEL | 0 | ppm |
| | | OSHA PEL STEL | | ppm |

Section 4—First Aid Measures

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| Eye Contact | Remove contact lenses. Flush Eyes with large amounts of water for 15 minutes. Seek medical attention. |
| Skin Contact | Remove and launder contaminated clothing. Wash affected area thoroughly with soap and water. DO NOT use solvents or thinners. |
| Inhalation | Remove to fresh air. Keep warm and at rest. Restore breathing. Seek medical attention. |
| Ingestion | DO NOT induce vomiting. Get medical attention immediately. Provide SDS to medical personnel. |
| Other | Treat symptomatically. Contact poison control and/or seek medical attention as needed. |

Section 5—Fire-Fighting Measures

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| Extinguishing Media | Carbon dioxide, Dry chemical, Foam, Water spray fog |
| Unsuitable Extinguishing Media | Avoid solid water stream as this may spread flammable liquid. |
| Unusual Fire And Explosion Hazards | Closed containers may explode or auto ignite when exposed to extreme heat. Vapors may spread long distances and ignite. Vapors may form explosive mixtures with air. During emergency conditions, exposure to burning product may cause health hazard. Symptoms may not be immediately apparent. Seek medical attention. |
| Special Fire Fighting Procedures | Full protective equipment and self-contained breathing apparatus should be used. |

Section 6—Accidental Release Measures

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| Personal Precautions | Avoid inhalation, ingestion, and contact with skin or eyes. Remove all sources of ignition. Ventilate area |
| Emergency Procedures | Wear appropriate PPE (Personal Protective Equipment). Contact appropriate authorities needed, if necessary, for immediate action and containment. Emergency Contact Number: 800-535-5053 |
| Environmental Precautions | Do not allow to enter drains or water courses. In case of sewer or drain contamination, contact local water company; water stream contamination, contact EPA |

Spill Clean Up Methods

Ventilate area.
Dike area with inert material.
Remove product with inert absorbent, shovel or sweep up. Keep in suitable containment for approved disposal.

Section 7—Handling and Storage**Handling and Precautions**

Use appropriate protective equipment. Use only adequate ventilation; wear appropriate respirator when ventilation is inadequate. Do not breathe dust, vapor mist, or gas. Keep container closed when not in use. Transfer only to approved containers with complete and appropriate labeling. Do not ingest or get on eyes, skin, and clothing. Eating, drinking, and smoking should be prohibited in areas where this material is handled, processed, and/or stored. Wash hands and face thoroughly before eating and drinking. Take precautionary measures against electrostatic discharge. Dissipate static electricity during transfer by grounding and bonding containers and equipment before transferring material. Use explosion proof electrical ventilating, lighting, and material handling equipment. Follow US NFPA 30, "Flammable & Combustible Liquids Code," or other national, state, and local codes on the safe handling of flammable liquids

Storage

Store in designated flammable area NFPA 30 and OSHA 29 CFS 1910.106 approved. Store in original containers or approved container with complete and appropriate labeling. Keep out of direct sunlight and in a cool, dry, well ventilated area; away from incompatible materials, oxidizing materials, and food or drink. Store away from heat, spark, open flame, or all other ignition sources. Keep container tightly sealed until use. Open containers must be carefully resealed and stored upright to prevent leakage. Avoid exposure to oxygen; exposure may increase the instance of exothermic reaction, resulting in smoldering and potential combustion. Improper storage may result in spontaneous generation of heat and ignition.

Section 8—Exposure Controls/Personal Protection**Exposure Controls/Personal Protection**

Use only with adequate ventilation Avoid contact with skin and eyes. Avoid breathing vapor or spray mist. Respiratory protection may be needed if adequate ventilation cannot be obtained. Eye protection should be used at all times when using this product. Intentional misuse by deliberate concentration and inhalation of this product can be harmful or fatal.

Section 9--

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| Appearance | Clear Liquid |
| Odor | Aromatic |
| Odor Threshold | N/A |
| Ph | N/A |
| Melting Point | N/A |
| Boiling Point | 212 F |
| Flash Point | 45 F |
| Evaporation Rate | 1 (Air=1) |
| Flammability | Class 3 Flammable |
| Flammability Limits | Lel. 2% Uel. 8% |
| Vapor Pressure | 15 (mm Hg) |
| Vapor Density | 4 (Air=1) |
| Relative Density | less than 1 |
| Solubility | Not Soluable in Water |
| Partition Coefficient | N/A |
| Ignition Temp | N/A |
| Decomposition Temp | N/A |
| Viscosity | > Water |

Section 10—Stability and Reactivity

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| Reactivity | Stable under normal conditions |
| Chemical Stability | Stable under the recommended storage and handling conditions (see Section 7); hazardous polymerization will not occur. |
| Conditions to avoid | Freezing, direct sunlight, high heat. All possible ignition and spark or flame sources. Do not pressurize, cut, braze drill, grind, or heat containers. Avoid pure oxygen. |
| Materials to avoid | Keep away from oxidizing agents and strongly alkaline and acidic materials to prevent the possibility of exothermic reaction. |
| Hazardous Decomposition | Under normal conditions, hazardous decomposition should not occur. In a fire, hazardous decomposition products such as smoke, carbon monoxide, carbon dioxide, and oxides of nitrogen may be produced. |

Section 11—Toxicological Information

Toxicology:

PFSDS Toxicology

| Component | ComponentName |
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| | LD50 Oral |
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| | LD50 Dermal |
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| | LC50 Inhalation |
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|----------|--------------|
| 100-41-4 | Ethylbenzene |
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|-----------|-----------------|
| LD50 Oral | 3,500 mg/kg rat |
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| IARC: IARC listed as 2B 'Possible Carcinogen' |
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|-------------|---------------------|
| LD50 Dermal | 20,574 mg/kg rabbit |
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|-----------------|------------------|
| LC50 Inhalation | 1,7623 mg/m3 rat |
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| 108-10-1 | MIBK |
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|-----------|------------|
| LD50 Oral | 2080 mg/kg |
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| LD50 Dermal | >2000 mg/kg |
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| LC50 Inhalation | LC 4hour >8.2 < 16.4 mg/l |
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|-----------|--------|
| 1330-20-7 | Xylene |
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|-----------|-----------------|
| LD50 Oral | 4,300 mg/kg rat |
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| LD50 Dermal | 1,700 mg/kg rabbit |
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| LC50 Inhalation | 18,892 mg/m3 rat |
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|---------|----------------------|
| 77-58-7 | dibutyltin dilaurate |
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| LD50 Oral |
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|-------------|
| LD50 Dermal |
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|-----------------|
| LC50 Inhalation |
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|-----------|----------------|
| 9003-22-9 | Vinyl Chloride |
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|-----------|
| LD50 Oral |
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|---|
| IARC: IARC listed as 2B 'Possible Carcinogen' |
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| |
|-------------|
| LD50 Dermal |
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| |
|-----------------|
| LC50 Inhalation |
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| | |
|-----|---------|
| B72 | ACRYLIC |
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| LD50 Oral |
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| |
|-------------|
| LD50 Dermal |
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|-----------------|
| LC50 Inhalation |
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Section 12—Ecological Information

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| Ecotoxicity | This product has been assessed following the conventional method and is not classified as dangerous for the environment but contains substances dangerous for the environment. The product should not be allowed to enter drains or watercourses or be deposited where it can affect ground or surface waters. The Air Pollution Control requirements of relations made under the Enviromental Protection Act may apply to this use of this product. |
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Section 13—Disposal Considerations

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| Waste Disposal Method | Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Disposal of this product, solutions, and any by-product should, at all times, comply with the requirements of environmental protection and waste diposal legislation and any regional local authority requirements. This product should not be allowed to enter drains or watercourses, or be deposited where it can affect ground or surface waters and soil. Empty containers should be disposed of in accordance with local requirements. |
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Section 14—Transport Information

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|--------------------------------|------------------|
| UN Number | 1263 |
| UN Proper Shipping Name | Paint |
| Transport Class | 3 |
| Packing Group Number | II |
| Environmental Hazard | Yes |
| Special Precautions | Flammable Liquid |

Section 15—Regulatory Information

SARA

PFSDS SARA

| Component Name | CAS Number | % by Weight |
|----------------------|------------|-------------|
| Ethylbenzene | 100-41-4 | 8.27 |
| MIBK | 108-10-1 | 46.78 |
| Xylene | 1330-20-7 | 33.08 |
| dibutyltin dilaurate | 77-58-7 | 0.12 |

Section 16—Other Information

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| SDS Date | 02/21/2013 |
| Revision | 2 |