1. IDENTIFICATION

Lapmaster Wolters, LLC
501 W. Algonquin Road
Mt. Prospect, IL 60056

Telephone: (224) 659-7101 (Office Hours 8:00 a.m. to 5:30 p.m. CST)
24-Hour Emergency Number: Chemtrec – 1-800-424-9300

Product Identification: Fast Cure, Clear Acrylic Powder
Product Name: Part# METS-ACRY-POW-XXXX

Date: June 2017

SAFETY DATA SHEET

2. HAZARDS IDENTIFICATION

**Classification**

<table>
<thead>
<tr>
<th>Skin sensitization</th>
<th>Category 1</th>
</tr>
</thead>
</table>

**Signal word**  Warning

**Hazard statements**  H317  May cause an allergic skin reaction

**Physical State**  Powder
**Appearance**  Fine, white
**Odor**  Faint odor in bulk

**Precautionary Statements – Prevention**

- P261  Avoid breathing dust, fumes, gas, mist, vapors or spray.
- P264  Wash hands and exposed skin thoroughly after handling.
- P272  Contaminated work clothing should not be allowed out of the workplace.
- P280  Wear protective gloves.

**Precautionary Statements – Response**

- P302+P352  IF ON SKIN: Wash with soap and water.
- P333+P313  If skin irritation or rash occurs: Get medical advice/attention.
- P363  Wash contaminated clothing before reuse.

**Precautionary Statements – Disposal**

- P501  Dispose of contents / container to an approved waste disposal plant.

**Hazards not otherwise classified (HNOC)**  Not applicable
3. COMPOSITION / INFORMATION ON INGREDIENTS

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>CAS No</th>
<th>Weight - %</th>
<th>Trade Secret</th>
</tr>
</thead>
<tbody>
<tr>
<td>Polymer</td>
<td>9003-42-3</td>
<td>&lt; 99</td>
<td>*</td>
</tr>
<tr>
<td>Benzoyl peroxide</td>
<td>94-36-0</td>
<td>&lt;2</td>
<td>*</td>
</tr>
</tbody>
</table>

*Specific chemical weight has been withheld as a trade secret.

4. FIRST AID MEASURES

**First aid measures**

**Inhalation**
Remove to fresh air. Keep at rest in a position comfortable for breathing. Get medical attention if discomfort persists.

**Eye contact**
Rinse immediately with plenty of water, including under the eyelids, for at least 15 minutes. If irritation persists, get medical advice / attention.

**Ingestion**
Do NOT induce vomiting. Drink plenty of water or milk immediately. If vomiting, continue to offer water or milk. Never give anything by mouth to an unconscious person. Call a physician or poison control center immediately and provide an estimate of when and how much material was ingested.

**Skin Contact**
Wash with soap and water. If irritation persists, call a physician. Take off contaminated clothing and wash before reuse.

**Most important symptoms and effects, both acute and delayed**

**Symptoms**
Skin contact may aggravate an existing dermatitis. Direct contact with eyes may cause temporary irritation.

**Indication of any immediate medical attention and special treatment needed**

**Note to physicians**
Treat symptomatically.

5. FIRE-FIGHTING MEASURES

**Extinguishing Media**

**Suitable:**
Water, carbon dioxide (CO₂), dry chemical

**Unsuitable:**
Avoid extinguishing methods which may generate dust clouds. Water stream can disperse dust in air producing a fire hazard and possible explosion hazard if exposed to ignition source.

**Specific hazards arising from the chemical**

For bulk size: Polymer dust is combustible. The explosive limits of the polymer particles suspended in air are approximately those of coal dust.

**Protective equipment and precautions for firefighters**

Self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

6. ACCIDENTAL RELEASE MEASURES

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

**Personal precautions**
Use personal protective equipment as required. Remove any contaminated clothing and wash thoroughly before reuse.
Environmental precautions See Section 12 for additional ecological information.

Methods and material for containment and clean-up
Method for containment Prevent further leakage or spillage if safe to do so.
Method for clean-up Sweep up to avoid slipping hazard. Keep airborne particulates at a minimum when cleaning up spills. Clean up in accordance with all applicable regulations. Wash all affected areas with plenty of warm water and soap.

7. HANDLING AND STORAGE

Precautions for safe handling
Advice on safe handling Use only in well-ventilated areas. Avoid contact with skin, eyes or clothing. Avoid breathing dust or fume. Handle in accordance with good industrial hygiene and safety practice. Wash thoroughly after handling. Do not eat, drink or smoke when using this product.

Conditions for safe storage, including any incompatibilities
Storage Conditions Keep containers tightly closed to prevent water absorption and contamination. Store in a dry, cool and well-ventilated place away from direct sunlight or other sources of light or intense heat. Preferable storage temperature not to exceed 35°C.

Packaging materials Keep in original container.

Incompatible materials Strong oxidizing agents

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure guidelines

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>ACGIH TLV</th>
<th>OSHA PEL</th>
<th>NIOSH IDLH</th>
</tr>
</thead>
<tbody>
<tr>
<td>Benzoyl peroxide</td>
<td>TWA: 5 mg/m³</td>
<td>TWA: 5 mg/m³</td>
<td>IDLH: 1500 mg/m³</td>
</tr>
<tr>
<td>94-36-0</td>
<td>TWA: 5 mg/m³ (vacated)</td>
<td>TWA: 5 mg/m³</td>
<td></td>
</tr>
</tbody>
</table>

Appropriate engineering controls Apply technical measures to comply with the occupational exposure limits. When working with large quantities of product, provide adequate ventilation (e.g. local exhaust ventilation, fans). Ensure that an eyewash station, sink or washbasin is available in case of exposure to eyes. Use good local exhaust at processing equipment, including buffers, sanders, grinders and polishers.

Individual protection measures, such as personal protective equipment

Eye / face protection Depending on the use of this product, safety glasses or goggles may be worn. If necessary, refer to US OSHA 29 CFR SS1910.133, Canadian standards or the European Standard EN 166. Ensure that an eyewash station, sink or washbasin is available in case of exposure to eyes.

Skin and body protection If anticipated that prolonged and repeated skin contact will occur during use of this product, wear gloves for routine industrial use. If necessary, refer to US OSHA 29 CFR SS1910.138 or the appropriate standards of Canada or the EC member states.

Respiratory protection No special respiratory protection is required under typical circumstances of use or handling. If necessary, use only respiratory protection authorized per US OSHA requirement in 29 CFR SS 1910.134, or applicable US state regulations, or the appropriate standards of Canada, its provinces, EC member states or Australia. VENTILATION: Local exhaust at processing equipment.

General hygiene considerations Handle in accordance with good industrial hygiene and safety practice.
9. PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

<table>
<thead>
<tr>
<th>Property</th>
<th>Values</th>
<th>Remarks / Method</th>
</tr>
</thead>
<tbody>
<tr>
<td>Physical state</td>
<td>Powder</td>
<td></td>
</tr>
<tr>
<td>Appearance</td>
<td>Fine</td>
<td></td>
</tr>
<tr>
<td>Color</td>
<td>White</td>
<td></td>
</tr>
<tr>
<td>Odor</td>
<td>Faint odor in bulk</td>
<td></td>
</tr>
<tr>
<td>Odor threshold</td>
<td>Not determined</td>
<td></td>
</tr>
<tr>
<td>pH</td>
<td>Not determined</td>
<td></td>
</tr>
<tr>
<td>Melting point / freezing point</td>
<td>Not determined</td>
<td></td>
</tr>
<tr>
<td>Boiling point / boiling range</td>
<td>Not applicable</td>
<td></td>
</tr>
<tr>
<td>Flash point</td>
<td>303°C / 577°F</td>
<td></td>
</tr>
<tr>
<td>Evaporation rate</td>
<td>Not applicable</td>
<td></td>
</tr>
<tr>
<td>Flammability (solid, gas)</td>
<td>Non-flammable</td>
<td></td>
</tr>
<tr>
<td>Flammability limits in air</td>
<td>Not applicable</td>
<td></td>
</tr>
<tr>
<td>Upper flammability limit</td>
<td>Not applicable</td>
<td></td>
</tr>
<tr>
<td>Lower flammability limit</td>
<td>Not applicable</td>
<td></td>
</tr>
<tr>
<td>Vapor pressure</td>
<td>Not applicable</td>
<td></td>
</tr>
<tr>
<td>Vapor density</td>
<td>Not applicable</td>
<td></td>
</tr>
<tr>
<td>Specific gravity</td>
<td>Not determined</td>
<td></td>
</tr>
<tr>
<td>Water solubility</td>
<td>Insoluble in water</td>
<td></td>
</tr>
<tr>
<td>Solubility in other solvents</td>
<td>Not determined</td>
<td></td>
</tr>
<tr>
<td>Partition coefficient</td>
<td>Not determined</td>
<td></td>
</tr>
<tr>
<td>Auto ignition temperature</td>
<td>Not determined</td>
<td></td>
</tr>
<tr>
<td>Decomposition temperature</td>
<td>Not determined</td>
<td></td>
</tr>
<tr>
<td>Kinematic viscosity</td>
<td>Not determined</td>
<td></td>
</tr>
<tr>
<td>Dynamic viscosity</td>
<td>Not determined</td>
<td></td>
</tr>
<tr>
<td>Explosive properties</td>
<td>Not determined</td>
<td></td>
</tr>
<tr>
<td>Oxidizing properties</td>
<td>Not determined</td>
<td></td>
</tr>
</tbody>
</table>

10. STABILITY AND REACTIVITY

Reactivity: Not reactive under normal conditions

Chemical stability: Stable under recommended storage conditions

Possibility of hazardous reactions: None under normal processing

Hazardous polymerization: Does not occur.

Conditions to avoid: Heating above 240°C / 464°F

Incompatible materials: Strong oxidizing agents

Hazardous decomposition products: Methacrylate monomer, oxides of carbon when burned

11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposures

Product information: This product has not been tested on animals to obtain toxicology data.

Inhalation: Persons with impaired lung function or asthma-like conditions may experience additional breathing difficulties.

Eye contact: Avoid contact with eyes.

Skin contact: May be irritating to skin in some sensitive individuals, especially after prolonged or repeated contact.
Ingestion

Large amounts may cause nausea, headache, vomiting or diarrhea.

Component information

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>ORAL LD50</th>
<th>DERMAL LD50</th>
<th>INHALATION LC50</th>
</tr>
</thead>
<tbody>
<tr>
<td>Benzoyl peroxide 94-36-0</td>
<td>6400 mg/kg (rat)</td>
<td>-</td>
<td>-</td>
</tr>
</tbody>
</table>

Information on physical, chemical and toxicological effects

Symptoms

See Section 4.

Delayed and immediate effects as well as chronic effects from short and long-term exposure

Carcinogenicity

Not classifiable as a human carcinogen (IARC group 3)

Numerical measures of toxicity – Product

Not determined

The following values are calculated based on chapter 3.1 of the GHS document.

ATEmix (oral) 6250 mg/kg

12. ECOLOGICAL INFORMATION

Ecotoxicity

There is no specific data available for this product; however, very large releases may be harmful or fatal to overexposed aquatic life.

Persistence and degradability

Not determined

Bioaccumulation

Not determined

Mobility

Not determined

Other adverse effects

Not determined

13. DISPOSAL CONSIDERATIONS

Waste treatment methods

Disposal of wastes

Follow all local and national government regulations in disposing material or contaminated packaging.

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>California Hazardous Waste Status</th>
</tr>
</thead>
<tbody>
<tr>
<td>Benzoyl peroxide 94-36-0</td>
<td>6400 mg/kg (rat)</td>
</tr>
</tbody>
</table>

Contaminated Packaging

For bulk only: Reuse of empty drums or containers is not recommended. Employees should be advised of the potential hazards due to residual material associated with empty containers. Dispose of all empty containers properly in accordance with federal, state and local regulations.

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>California Hazardous Waste Status</th>
</tr>
</thead>
<tbody>
<tr>
<td>Benzoyl peroxide 94-36-0</td>
<td>Toxic, Ignitable, Reactive</td>
</tr>
</tbody>
</table>
14. TRANSPORTATION INFORMATION

DOT: Not regulated
IATA: Not regulated
IMDG: Not regulated

15. REGULATORY INFORMATION

International Inventories
TSCA: For use in FDA regulated products only
United States Toxic Substances Control Act, Section 8(b) Inventory
DSL: Listed
Canadian Domestic Substances

EU Regulations: EC No. 1272/2008 (CLP) Classification, Labeling, Packaging

US Federal Regulations

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>CAS</th>
<th>Weight %</th>
<th>SARA 313 - Threshold Values %</th>
</tr>
</thead>
<tbody>
<tr>
<td>Benzoyl peroxide</td>
<td>94-36-0</td>
<td>1</td>
<td>1.0</td>
</tr>
</tbody>
</table>

US State Regulations

US State Right-to-know Regulations

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>New Jersey</th>
<th>Massachusetts</th>
<th>Pennsylvania</th>
</tr>
</thead>
<tbody>
<tr>
<td>Benzoyl peroxide</td>
<td>X</td>
<td>X</td>
<td>X</td>
</tr>
<tr>
<td>94-36-0</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

16. OTHER INFORMATION

<table>
<thead>
<tr>
<th>HMIS</th>
<th>Health Hazards</th>
<th>Flammability</th>
<th>Physical Hazards</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>1</td>
<td>1</td>
<td>0</td>
</tr>
</tbody>
</table>

DISCLAIMER: The information in this Safety Data Sheet (SDS) is believed to be correct as of the date issued. LAPMASTER WOLTERS MAKES NO WARRANTIES, EXPRESS OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE OR COURSE OF PERFORMANCE OR USAGE OF TRADE. User is responsible for determining whether the LAPMASTER WOLTERS is fit for a particular purpose and if it is suitable for the method of use or application. Given the variety of factors that can affect the use and application of a LAPMASTER WOLTERS product, some of which are uniquely within the user’s knowledge and control, it is essential that the user evaluate the LAPMASTER WOLTERS product to determine whether it is fit for a particular purpose and suitable for user’s method of use or application.

LAPMASTER WOLTERS provides information in electronic form as a service to our customers. Due to the remote possibility that electronic transfer may have resulted in errors, omissions or alterations in this information, LAPMASTER WOLTERS makes no representations as to its completeness or accuracy. In addition, information obtained from a database may not be as current as the information in the SDS available directly from LAPMASTER WOLTERS.