1. PRODUCT IDENTIFICATION

1.1 Product Name:
COMPETITION ADVANCED FORMULA ACRYLIC SYSTEM POWDERS (ALL SHADES)

1.2 Chemical Name:
ACRYLIC POWDER

1.3 Synonyms:
Competition Formula 3000 Powders; Competition Advanced Formula Acrylic System Powders (All Shades)

1.4 Trade Names:
AE (xxx)

1.5 Product Use:
PROFESSIONAL OR SUNDRY USE ONLY

1.6 Manufacturer’s Name:
OPI PRODUCTS, INC.

1.7 Manufacturer’s Address:
13034 SATICOY STREET, NO. HOLLYWOOD, CA 91605 USA

1.8 Emergency Phone:
CHEMTREC: +1 (703) 527-3887 / +1 (800) 424-9300

1.9 Business Phone:
+1 (818) 759-2400 / +1 (800)-341-9999

2. HAZARD IDENTIFICATION

2.1 Hazard Identification:
This product is classified as a HAZARDOUS SUBSTANCE but NOT as DANGEROUS GOODS according to the classification criteria of NOHSC: 1008 (2004) and ADG Code (Australia). Allergic contact dermatitis is possible with prolonged or repeated contact. The product is a fine powder, and may cause a slipping and falling hazard if spilled.

2.2 Routes of Entry:

| Inhalation: | YES |
| Absorption: | NO |
| Ingestion:  | YES |

2.3 Effects of Exposure:

| EYES:     | Possible irritation from dust. |
| SKIN:     | Irritation. Allergic contact dermatitis is possible with prolonged or repeated contact. |
| INGESTION:| No exposure effects are reported. |
| INHALATION:| Considered a nuisance dust. May cause irritation of the mouth, nose, throat, and lungs. |

2.4 Symptoms of Overexposure:
Symptoms of skin overexposure may include redness, itching, and irritation of affected areas. Overexposure in eyes may cause redness, itching and watering. The product can cause allergic skin reactions (e.g., rashes, welts, dermatitis) upon prolonged or repeated exposure.

2.5 Acute Health Effects:
Moderate irritation to eyes and skin near affected areas. Additionally, high concentrations of vapors can cause drowsiness, dizziness, headaches and nausea.

2.6 Chronic Health Effects:
No long-term health effects are known.

2.7 Target Organs:
Eyes, skin & respiratory system.

NA = Not Available; ND = Not Determined; NE = Not Established; C = Ceiling Limit; See Section 16 for Additional Definitions of Terms Used
NOTE: all WHMIS required information is included. It is located in appropriate sections based on the ANSI Z400.1-2004 format.
3. COMPOSITION & INGREDIENT INFORMATION - continued

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<tr>
<th>CHEMICAL NAME(S)</th>
<th>CAS No.</th>
<th>RTECS No.</th>
<th>EINECS No.</th>
<th>%</th>
<th>TLV</th>
<th>STEL</th>
<th>ES-TWA</th>
<th>ES-STEL</th>
<th>ES-PEAK</th>
<th>PEL</th>
<th>STEL</th>
<th>IDLH</th>
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<td>ACRYLATES COPOLYMER</td>
<td>25685-29-4</td>
<td>NA</td>
<td>NA</td>
<td>≤ 98.0</td>
<td>(10)</td>
<td>NA</td>
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<td>(5)</td>
<td>NA</td>
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<td>NF</td>
<td>(5)</td>
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<td>CI 47005 (YELLOW 10)</td>
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</tr>
</tbody>
</table>

4. FIRST AID MEASURES

4.1 First Aid:

INGESTION: If ingested, do not induce vomiting. If product has been swallowed, drink plenty of water or milk IMMEDIATELY. If the patient is vomiting, continue to offer water or milk. Never give water or milk to an unconscious person. Contact the nearest Poison Control Center or local emergency number. Provide an estimate of the time at which the material was ingested and the amount of the substance that was swallowed.

SKIN: If irritation occurs & product is on the skin, rinse thoroughly with lukewarm water, followed by a thorough washing of the affected area with plenty of soap and water. Remove contaminated clothing and wash thoroughly before reuse. If irritation, redness or swelling persists, consult a physician immediately.

EYES: If product gets in the eyes, flush with copious amounts of lukewarm water for at least 15 minutes. Open and close eyelid(s) to ensure thorough irrigation. If irritation persists seek immediate medical attention.

INHALATION: Remove victim to fresh air at once. If breathing stops, perform artificial respiration. Seek immediate medical attention.

4.2 Medical Conditions Aggravated by Exposure:

Pre-existing dermatitis, other skin conditions, and disorders of the target organs (eyes, skin, respiratory system). Preclude from exposure those individuals that are susceptible to dermatitis, asthma or bronchitis.
5. FIREFIGHTING MEASURES

5.1 Flashpoint & Method:
264 °C (508 °F), TCC

5.2 Autoignition Temperature:
NA

5.3 Flammability Limits:
| Lower Explosive Limit (LEL): | NA |
| Upper Explosive Limit (UEL): | NA |

5.4 Fire & Explosion Hazards:
Keep away from excessive heat, open flames, sparks, and other possible sources of ignition.

5.5 Extinguishing Methods:
Carbon dioxide, dry chemical & water spray.

5.6 Firefighting Procedures:
Keep containers cool until well after the fire is out. Prevent runoff from fire control or dilution from entering sewers, drains, drinking water supply, or any natural waterway. Firefighters should wear full face, self-contained breathing apparatus (MSHA/NIOSH approved or the equivalent) and impervious protective clothing.

6. ACCIDENTAL RELEASE MEASURES

6.1 Spills:
Before cleaning any spill or leak, individuals involved in spill cleanup must wear appropriate Personal Protective Equipment.

For small spills (e.g., < 5 lbs) wear appropriate personal protective equipment (e.g., goggles, gloves). Maximize ventilation (open doors and windows) and secure all sources of ignition. Carefully sweep up spilled material and place into appropriate closed container(s) for disposal. Dispose of properly in accordance with local, state and federal regulations. Wash all affected areas and outside of container with plenty of warm water and soap. Remove any contaminated clothing and wash thoroughly before reuse.

For spills ≥ 5 lbs, deny entry to all unprotected individuals. Contain spill with inert material (e.g., sand or earth). Carefully sweep up spilled material and place into appropriate closed container(s) for disposal. Remove contaminated clothing promptly and wash affected skin areas with soap and water. Keep spills and cleaning runoffs out of municipal sewers and open bodies of water.

7. HANDLING & STORAGE INFORMATION

7.1 Work & Hygiene Practices:
Avoid prolonged contact with this material. Limit inhalation of the vapors generated by this product. Use in a well-ventilated location (e.g., local exhaust ventilation, fans). Wash exposed skin thoroughly with plenty of soap & water after using this product. Do not eat, drink, or smoke while handling this product.

7.2 Storage & Handling:
Use and store in a cool, dry, well-ventilated location (e.g., local exhaust ventilation, fans). Keep away from excessive heat, open flames, sparks, and other possible sources of ignition. Keep away from incompatible materials listed in Section 10. Do not store in damaged or unmarked containers or storage devices. Keep containers securely closed when not in use. Open slowly on a level, stable surface. Empty containers may contain residual amounts of this product; therefore, empty containers should be handled with care. Keep away from children at all times!

7.3 Special Precautions:
Local exhaust ventilation is recommended.
8. EXPOSURE CONTROLS & PERSONAL PROTECTION

8.1 Ventilation & Engineering Controls:
Use with adequate ventilation (e.g., local exhaust ventilation, fans). Ensure appropriate decontamination equipment is available (e.g., sink, safety shower, eye-wash station).

8.2 Respiratory Protection:
No special respiratory protection is required under typical circumstances of use or handling. In instances where vapors or sprays of this product are generated, and respiratory protection is needed, use only protection authorized by 29 CFR §1910.134, applicable U.S. State regulations, or the Canadian CAS Standard Z94.4-93 and applicable standards of Canadian Provinces, EC member States, or Australia.

8.3 Eye Protection:
Avoid eye contact. None required under normal conditions of use. However, may cause irritation in some sensitive individuals. When handling large quantities (e.g., ≥ 1 gallon), safety glasses with side shields should be used.

8.4 Hand Protection:
No apron required when handling small quantities. When handling large quantities (e.g., ≥ 1 gallon), eye wash stations and deluge showers should be available. Upon completion of work activities involving large quantities of this product, wash any exposed areas thoroughly with soap and water.

8.5 Body Protection:
No apron required when handling small quantities. When handling large quantities (e.g., ≥ 1 gallon), eye wash stations and deluge showers should be available. Upon completion of work activities involving large quantities of this product, wash any exposed areas thoroughly with soap and water.

9. PHYSICAL & CHEMICAL PROPERTIES

9.1 Density: NA
9.2 Boiling Point: NE
9.3 Melting Point: NE
9.4 Evaporation Rate: NA
9.5 Vapor Pressure: NA
9.6 Molecular Weight: NA
9.7 Appearance & Color: Clear powder with a mild acrylic odor, in bulk.
9.8 Odor Threshold: NA
9.9 Solubility: Insoluble in water.
9.10 pH NA
9.11 Viscosity: NE
9.12 Other Information: NA

10. STABILITY & REACTIVITY

10.1 Stability:
Relatively stable under ambient conditions when stored properly.

10.2 Hazardous Decomposition Products:
If exposed to extremely high temperatures, products of thermal decomposition may include irritating vapors and toxic gases (e.g., oxides of carbon & nitrogen).

10.3 Hazardous Polymerization:
Will not occur.

10.4 Conditions to Avoid:
Exposure or contact to extreme temperatures, incompatible chemicals, strong light sources, sparks, flame.

10.5 Incompatible Substances:
Strong oxides, peroxides or strong acids.
11. TOXICOLOGICAL INFORMATION

11.1 Toxicity Data:
This product has not been tested on animals to obtain toxicological data. There are toxicology data for the components of this product, which are found in the scientific literature. These data have not been presented in this document.

11.2 Acute Toxicity:
See Section 2.5

11.3 Chronic Toxicity:
No long-term health effects are known.

11.4 Suspected Carcinogen:
No

11.5 Reproductive Toxicity:
This product is not reported to produce reproductive toxicity in humans.

Mutagenicity:
This product is not reported to produce mutagenic effects in humans. However, animal mutation data are available for the components of this product were obtained during clinical studies on specific animal tissues exposed to high doses of these components.

Embryotoxicity:
This product is not reported to produce embryotoxic effects in humans.

Teratogenicity:
This product is not reported to produce teratogenic effects in humans.

Reproductive Toxicity:
This product is not reported to produce reproductive effects in humans.

11.6 Irritancy of Product:
See Section 2.3

11.7 Biological Exposure Indices:
NE

11.8 Physician Recommendations:
Treat symptomatically.

12. ECOLOGICAL INFORMATION

12.1 Environmental Stability:
This product will slowly volatilize from soil. Components of this product will slowly decompose into organic compounds.

12.2 Effects on Plants & Animals:
There is no specific data available for this product.

12.3 Effects on Aquatic Life:
There is no specific data available for this product. However, releases of large volumes may be harmful or fatal to overexposed aquatic life. Aquatic toxicity data for components of this product are available, but are not presented in this MSDS.

13. DISPOSAL CONSIDERATIONS

13.1 Waste Disposal:
Dispose in accordance with local, state and Federal hazardous waste laws. U.S. EPA Characteristic Waste: D001 (flammable)

13.2 Special Considerations:
NA
### 14. TRANSPORTATION INFORMATION

The basic description (ID Number, proper shipping name, hazard class & division, packing group) is shown for each mode of transportation. Additional descriptive information may be required by 49 CFR, IATA/ICAO, IMDG, SCT, ADGR and the TDGR.

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<tr>
<td>14.3</td>
<td>IMDG (OCN):</td>
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<td>14.4</td>
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<td>14.5</td>
<td>ADR/RID (EU):</td>
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</tr>
<tr>
<td>14.6</td>
<td>SCT (MEXICO):</td>
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</tr>
<tr>
<td>14.7</td>
<td>ADGR (AUS):</td>
<td>NOT REGULATED</td>
</tr>
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</table>

### 15. REGULATORY INFORMATION

15.1 SARA Reporting Requirements:
NA

15.2 SARA Threshold Planning Quantity:
NA

15.3 TSCA Inventory Status:
All components of this product are listed in the TSCA Inventory or are exempt.

15.4 CERCLA Reportable Quantity (RQ):
NA

15.5 Other Federal Requirements:
This product complies with the appropriate sections of the Food and Drug Administration’s 21 CFR subchapter G (Cosmetics).

15.6 Other Canadian Regulations:
This product has been classified according to the hazard criteria of the CPR and the MSDS contains all of the information required by the CPR. The components of this product are listed on the DSL/NDSL. None of the components of this product are listed on the Priorities Substances List. Class B2 Flammable Liquid.

15.7 State Regulatory Information:
Ingredients in this mixture found on the following state criteria lists:

- California OSHA Hazardous Substances List: Benzoyl Peroxide
- Delaware Air Quality Management List: Benzoyl Peroxide
- Massachusetts Hazardous Substances List: Benzoyl Peroxide
- Minnesota Hazardous Substances List: Benzoyl Peroxide
- New Jersey Right to Know Hazardous Substances List: Benzoyl Peroxide
- Pennsylvania Hazardous Substances List: Benzoyl Peroxide
- Wisconsin Hazardous Substances List: Benzoyl Peroxide

15.8 67/548/EEC (European Union) Requirements:
The primary component of this product is not listed in Annex I of EU Directive 67/548/EEC.
16. OTHER INFORMATION

16.1 Other Information:
Precisely follow directions and MSDS (available through your supplier) for use. Avoid skin contact. If redness or other signs of adverse reaction occur, discontinue use immediately. Use only in a well ventilated area. A ventilation system that expels vapors to the outdoors is recommended. Keep out of reach of children. In case of emergency, contact your physician or local Poison Control Center immediately. FOR PROFESSIONAL USE ONLY!

16.2 Terms & Definitions:
Please see last page of this MSDS.

16.3 Disclaimer:
This Material Safety Data Sheet is offered pursuant to OSHA’s Hazard Communication Standard, 29 CFR §1910.1200. Other government regulations must be reviewed for applicability to this product. To the best of ShipMate’s & OPI Products’ knowledge, the information contained herein is reliable and accurate as of this date; however, accuracy, suitability or completeness are not guaranteed and no warranties of any type, either expressed or implied, are provided. The information contained herein relates only to the specific product(s). If this product(s) is combined with other materials, all component properties must be considered. Data may be changed from time to time. Be sure to consult the latest edition.

16.4 Prepared for:
OPI Products, Inc.
13034 Saticoy Street
No. Hollywood, CA  91605 USA
+1 (818) 759-2400 phone
+1 (818) 759-5770 fax
http://www opi.com/

16.5 Prepared by:
ShipMate, Inc.
PO Box 787
Sisters, OR  97759-0787 USA
Phone: +1 (310) 370-3600
Fax: +1 (310) 370-5700
e-mail: shipmate@shipmate.com

O·P·I
**GENERAL INFORMATION:**

**CAS No.** Chemical Abstract Service Number

**EXPOSURE LIMITS IN AIR:**

- **ACGIH** American Conference on Governmental Industrial Hygienists
- **TLV** Threshold Limit Value
- **OSHA** U.S. Occupational Safety and Health Administration
- **PEL** Permissible Exposure Limit
- **IDLH** Immediately Dangerous to Life and Health

**FIRE PROTECTION ASSOCIATION: NFPA**

- **Autoignition Temperature** Minimum temperature required to initiate combustion in air with no other source of ignition
- **LEL** Lower Explosive Limit - lowest percent of vapor in air, by volume, that will explode or ignite in the presence of an ignition source
- **UEL** Upper Explosive Limit - highest percent of vapor in air, by volume, that will explode or ignite in the presence of an ignition source

**HAZARD RATINGS:**

<table>
<thead>
<tr>
<th>Hazard Level</th>
<th>Description</th>
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</thead>
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<tr>
<td>1</td>
<td>Slight Hazard</td>
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<tr>
<td>2</td>
<td>Moderate Hazard</td>
</tr>
<tr>
<td>3</td>
<td>Severe Hazard</td>
</tr>
<tr>
<td>4</td>
<td>Extreme Hazard</td>
</tr>
</tbody>
</table>

**PERSONAL PROTECTION RATINGS:**

- **A** Safety Glasses
- **B** Chemical Splash Goggles
- **C** Chemical Face Shield & Eye Protection
- **D** Chemical Gloves
- **E** Chemical Boot
- **F** Chemical Synthetic Apron
- **G** Chemical Full Suit
- **H** Chemical Dust Respirator
- **I** Chemical Dust & Vapor Respirator
- **J** Chemical Full Face Respirator
- **K** Chemical Airline Hood/Mask or SCBA
- **X** Consult your supervisor or S.O.P. for special handling directions.

**HEALTH, FLAMMABILITY & REACTIVITY RATINGS:**

- **FLAMMABILITY**
  - Harmful
  - Oxidizing
  - Toxic
  - Irritant
  - Harmful

- **REACTIVITY**
  - Corrosive
  - Explosive
  - Flammable

**DEFINITION OF TERMS**

- **CPR** Cardiopulmonary resuscitation - method in which a person whose heart has stopped receives manual chest compressions and breathing to circulate blood and provide oxygen to the body.

**EXPOSURE LIMITS IN AIR:**

- **Threshold Limit Value (TLV)**
- **Permissible Exposure Limit (PEL)**
- **Immediately Dangerous to Life and Health (IDLH)**
- **Threshold Limit Value (TLV)**
- **Permissible Exposure Limit (PEL)**

**Hazardous Materials Identification System: HMIS**

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<th>Hazard Level</th>
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**Permissible Exposure Limit (PEL):**

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**REGULATORY INFORMATION:**

- **WHMIS** Canadian Workplace Hazardous Material Information System
- **DOT** U.S. Department of Transportation
- **TC** Transport Canada
- **EPA** U.S. Environmental Protection Agency
- **DSL** Canadian Domestic Substance List
- **NDSL** Canadian Non-Domestic Substance List
- **PSC** Canadian Priority Substances List
- **TSCA** U.S. Toxic Substance Control Act
- **EU** European Union (European Union Directive 67/548/EEC)

**EC INFORMATION:**

- **C** Corrosive
- **E** Explosive
- **F** Flammable
- **N** Noxious
- **O** Oxidizing
- **T+** Toxic
- **X+** Irritant
- **Xn** Harmful

**OTHER STANDARD ABBREVIATIONS:**

- **NA** Not Available
- **NR** No Results
- **NE** Not Established
- **ND** Not Determined
- **ML** Maximum Limit
- **SCBA** Self-Contained Breathing Apparatus

**TOXICOLOGICAL INFORMATION:**

- **LD_{50}** Lethal Dose (solids & liquids) which kills 50% of the exposed animals
- **LD_{100}** Lethal Dose (gases) which kills 100% of the exposed animals
- **LC_{50}** Lethal concentration (gases) which kills 50% of the exposed animals
- **ppm** Concentration expressed in parts of material per million parts
- **TD_{50}** Lowest dose to cause a symptom
- **TC_{50}** Lowest concentration to cause a symptom
- **TD_{50}, TD_{100}, TD_{150}, TC_{50}, TC_{100}, & TC_{150}** Lowest dose (or concentration) to cause lethal or toxic effects
- **IARC** International Agency for Research on Cancer
- **NTP** National Toxicology Program
- **RTECS** Registry of Toxic Effects of Chemical Substances
- **BCF** Bioconcentration Factor
- **TLM** Median threshold limit
- **log Kow or log Koc** Coefficient of Oil/Water Distribution

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