

## **SAFETY DATA SHEETS**

**This SDS packet was issued with item:**

076026413

**The safety data sheets (SDS) in this packet apply to the individual products listed below. Please refer to invoice for specific item number(s).**

076027908 076029037

**The safety data sheets (SDS) in this packet apply to one or more components included in the items listed below. Items listed below may require one or more SDS. Please refer to invoice for specific item number(s).**

076026405 076026892 076026900 076027387 076027395 076027429 076027437 076027874 076027965 076029003  
076029094

# Safety Data Sheet

## Section 1 - Chemical Product and Company Identification

**Product Name:** Duralay Powder Red

**Company Identification:**

Reliance Dental Mfg., LLC.

5805 W. 117<sup>th</sup> Place

Alsip, IL 60803

**For Product Information, call:** 708-597-6694 **For Medical Information, call:** 800-535-5053

## Section 2 - Hazards Identification

### EMERGENCY OVERVIEW:

#### WARNING:

For Polymer:

OSHA classifies this material as Particulates, Not Otherwise Classified.

Acute Hazards: Eyes:

May be irritating to the eyes by gross overexposure, no matter how generated. Symptoms of overexposure may include redness, itching, irritation, burning pain and watering. Keep dust out of eyes.

Ingestion:

Not expected to cause any harmful effects. Ingestion of large amounts may be irritating if product is swallowed, may cause nausea, headache, vomiting and/or diarrhea.

Skin:

May be irritating to skin in some sensitive individuals, especially after prolonged and/or repeated contact. Prolonged or repeated contact may cause redness and burning.

Inhalation:

May be irritated by gross overexposure, no matter how generated. Vapors or mists may cause irritation the respiratory tract, nausea, central nervous system depression such as drowsiness, dizziness, loss of coordination and fatigue. None known.

Chronic Hazards:

For Diethyl Phthalate:

Chronic Hazards: Inhalation:

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

Reproductive:

Possible teratogen.

Skin:

Prolonged or repeated contact may cause redness, burning, drying, cracking and dermatitis. Persons with pre-existing skin disorders may be more susceptible to this material.

### CARCINOGENICITY:

IARC lists Benzoyl Peroxide as unclassifiable as to carcinogenicity to humans. None of the other components of this material are listed by IARC, NTP, OSHA, or ACGIH as carcinogens.

### PRIMARY ROUTES OF ENTRY:

Inhalation, Skin or Eyes.

## Section 3 - Composition, Information on Ingredients

Item	Chemical Name	CAS #	WT/WT%
01	Polymer	9011-14-7	60.0-100.0
02	Diethyl Phthalate	84-66-2	0.0-20.0
03	Benzoyl Peroxide	94-36-0	0.0-10.0

ACGIH			OSHA Company			SKIN
ITEM	TLV-TWA	TLV-STEL	PEL TWA	PEL CEILING	Recommendation	
01	10 mg/m <sub>3</sub>	NE	15 mg/m <sub>3</sub>	NE	15 mg/m <sub>3</sub>	NE
02	5 mg/m <sub>3</sub>	NE	5 mg/m <sub>3</sub>	NE	5 mg/m <sub>3</sub>	NE
03	5 mg/m <sub>3</sub>	NE	5 mg/m <sub>3</sub>	NE	5 mg/m <sub>3</sub>	NE

## Section 4 - First Aid Measures

### EMERGENCY AND FIRST AID PROCEDURES:

EYES:	If product gets in the eyes, flush with copious amounts of lukewarm water for at least 15 minutes. If irritation occurs, contact a physician.
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 anything by mouth to an unconscious person. Provide an estimate of the time at which the material was ingested and the amount of the substance that was swallowed. Get medical attention immediately.
INHALATION:	Remove to fresh air. Seek immediate medical attention.
SKIN:	If irritation occurs and product is on the skin, rinse thoroughly with lukewarm water, followed by a thorough washing of the effected area with soap and water. If irritation, redness or swelling persists, contact a physician immediately.
CLOTHING:	Remove contaminated clothing, wash thoroughly before reuse.
TREATMENT:	Treat symptoms conventionally, after thorough decontamination.

## Section 5 - Fire Fighting Measures

FLASH POINT:	304 °C, 580 °F
FLAMMABLE LIMIT, AIR VOL%	LOWER: NA UPPER: NA
AUTOIGNITION TEMPERATURE:	NE
EXTINGUISHER METHOD:	Water, carbon dioxide, dry chemical.
FIRE AND EXPLOSION HAZARDS:	Polymer dust is combustible. The explosive limits of the polymer particles suspended in air are approximately those of coal dust.
SPECIAL FIRE FIGHTING PROCEDURES:	Avoid extinguishing methods, which may generate dust clouds. Water stream can disperse dust into air producing a fire hazard and possible explosion hazard if exposed to ignition source.
EXPLOSION HAZARD:	Firefighters should wear self-contained breathing apparatus.
SENSITIVE TO MECHANICAL IMPACT:	For Polymer: No.
SENSITIVE TO STATIC DISCHARGE:	For Polymer: No.

## Section 6 - Accidental Release Measures

ACCIDENTAL RELEASE:	Before cleaning any spill or leak, individuals involved must wear appropriate Personal Protective Equipment (e.g., goggles, gloves). Sweep up to avoid slipping hazard. Keep airborne particulates at a minimum when cleaning up spills. Dispose of properly in accordance with local, state and federal regulations. Wash all affected areas with plenty of warm water and soap. Remove any contaminated clothing and wash thoroughly before reuse.
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## Section 7 - Handling and Storage

PRECAUTIONS FOR HANDLING:	Use in well ventilated areas. Avoid contact with skin, eyes and clothing. Avoid breathing dust. Use good personal hygiene and housekeeping.
PRECAUTIONS FOR STORAGE:	Store containers in a cool, dry location, away from direct sunlight, other light sources, or sources of intense heat. Keep container closed to prevent water absorption and contamination.
INDUSTRIAL HYGIENE PRACTICES:	Avoid prolonged contact with the product. Use in a well-ventilated location (e.g., local exhaust ventilation, fans). After use, wash hands and exposed skin with soap and water. Do not eat, drink or smoke while handling product.

## Section 8 - Exposure Controls, Personal Protection

<b>VENTILATION:</b>	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.
<b>RESPIRATORY PROTECTION:</b>	No special respiratory protection is required under typical circumstances of use or handling. If necessary, use only respiratory protection authorized per U.S. OSHA's requirement in 29 CFR §1910.134, or applicable U.S. state regulations, or the appropriate standards of Canada, its provinces, E.C. member states, or Australia.
<b>EYE PROTECTION:</b>	Depending on the use of this product, safety glasses or goggles may be worn. If necessary, refer to U.S. OSHA 29 CFR §1910.133, Canadian standards, or the European Standard EN166. Ensure that an eyewash station, sink or washbasin is available in case of exposure to eyes.
<b>PROTECTIVE GLOVES:</b>	If anticipated that prolonged & repeated skin contact will occur during use of this product, wear gloves for routine industrial use. If necessary, refer to U.S. OSHA 29 CFR §1910.138, the appropriate standards of Canada, or the E.C. member states.
<b>OTHER PROTECTIVE EQUIPMENT:</b>	No special body protection is required under typical circumstances of use and handling. If necessary, refer to appropriate standards of Canada, the E.C. member states, or U.S. OSHA. An eyewash station and a safety shower are recommended. High temperature processing equipment should be well ventilated.

## Section 9 - Physical and Chemical Properties

<b>APPEARANCE:</b>	Fine pink pigmented powder.
<b>ODOR:</b>	Faint odor in bulk.
<b>pH:</b>	NA
<b>ODOR THRESHOLD:</b>	ND
<b>BOILING POINT:</b>	NA
<b>FREEZING POINT:</b>	NA
<b>VISCOSITY:</b>	NA
<b>SPECIFIC GRAVITY (H<sub>2</sub>O=1):</b>	ND
<b>VAPOR PRESSURE:</b>	NA
<b>PERCENT VOLATILE W/W%:</b>	NA
<b>VAPOR DENSITY (AIR=1):</b>	NA
<b>EVAPORATION RATE (BuAc =1):</b>	NA
<b>SOLUBILITY IN WATER:</b>	Insoluble.
<b>COEFFICIENT OF WATER/OIL DISTRIBUTION:</b>	ND

## Section 10 - Stability and Reactivity

<b>CONDITIONS TO AVOID:</b>	Heating above 240 °C, 464 °F.
<b>INCOMPATIBILITY (MATERIALS TO AVOID):</b>	Strong oxidizing agents.
<b>HAZARDOUS DECOMPOSITION PRODUCTS:</b>	Methacrylate Monomer and Oxides of Carbon when burned.
<b>HAZARDOUS POLYMERIZATION:</b>	MAY OCCUR: WILL NOT OCCUR: X
<b>STABILITY:</b>	UNSTABLE: STABLE: X

## Section 11 - Toxicological Information

### TOXICITY DATA:

This product has NOT been tested on animals to obtain toxicology data. There is toxicology data for the components of the product, which is found in scientific literature. This data has not been presented in this document.

**MUTAGENICITY DATA:** This product is not reported to produce mutagenic effects in humans.

### REPRODUCTIVE TOXICITY DATA:

Embryotoxicity: This product is not reported to produce embryotoxic effects in humans.  
Teratogenicity: This product is not reported to cause teratogenic effects in humans.  
Reproductive Toxicity: This product is not reported to cause reproductive effects in humans.

## Section 12 - Ecological Information

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

**ENVIRONMENTAL FATE:** There is no specific data available for this product.

## Section 13 - Disposal Considerations

**WASTE DISPOSAL METHOD:** Dispose of properly in accordance with Federal, State, and Local regulations.  
**DISPOSAL OF EMPTY CONTAINERS:** 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.

## Section 14 - Transport Information

**DOT/UN SHIPPING NAME:** POLYMER, NOI  
**DOT/UN CLASS:**  
**NA/UN NUMBER:**  
**PACKING GROUP:**  
**LABEL:**  
**IMDG CLASS:**  
**IMDG PG:**  
**CERCLA RQ:**

## Section 15 - Regulatory Information

**SARA Reporting Requirements:** Yes  
**SARA Threshold Planning Quantity:** There may be specific Threshold Planning Quantities for the components of this product.  
**TSCA Inventory Status:** The components of this product are listed on the TSCA Inventory. For use in regulated products only.  
**FDA**  
**CERCLA Reportable Quantity (RQ):** NA  
**Other Federal Requirements:** This product complies with the appropriate sections of the Food and Drug Administration's 21 CFR subchapter G (Cosmetics).  
**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/NDL. None of the components of this product are listed on the Priorities Substances List.  
**State Regulatory Information:** This product may contain components that are covered under specific state criteria.

**RISK STATEMENTS:**  
**SAFETY STATEMENTS:**

R36/37/38 – Irritating to eyes, respiratory system and skin.  
S3 – Keep in a cool place.  
S7 – Keep container tightly closed.  
S9 – Keep container in a well-ventilated place.  
S20 – When using do not eat or drink.  
S 29 – Do not empty into drains.  
S37/39 – Wear suitable gloves and eye/face protection.

Section 16 - Additional Information

**HAZARDOUS MATERIAL IDENTIFICATION SYSTEM (HMIS) RATING:**

HEALTH: 1  
FLAMMABILITY: 1  
REACTIVITY: 0  
PERSONAL PROTECTIVE EQUIPMENT: Gloves and Safety Glasses or Chemical Goggles.

**NATIONAL FIRE PROTECTION ASSOCIATION (NFPA) HAZARD IDENTIFICATION RATING:**

HEALTH: 1  
FLAMMABILITY: 1  
REACTIVITY: 0

**ABBREVIATIONS:**

NA:	Not Applicable	ND:	Not Determined	NE:	Not Established
ppm:	parts per million	G:	Gallon	mg:	Milligram
L:	Liter	gm:	Gram	mol:	Mole
kg:	Kilogram	µ:	Micro	mm:	Millimeter p Pico
Pa:	Pascals	LC:	Lethal Concentration	LD:	Lethal Dose
TC:	Toxic Concentration	TD:	Toxic Dose	BOD:	Biological Oxygen Demand
COD:	Chemical Oxygen Demand			Lo:	Lowest
ThOD:	Theoretical Oxygen Demand			Tlm:	Threshold Limit
H:	Hours	M:	Months	D:	Days
Y:	Years	W:	Weeks		

ACGIH: American Conference of Governmental Industrial Hygienist  
CPR: Controlled Product's Regulation  
DSL: Canadian Domestic Substances List  
NDSL: Canadian Non-domestic Substance List  
IARC: International Agency for Research for Cancer  
NOEL: No Observed Effect Level  
NOAEL: No Observed Adverse Effect Level  
OSHA: Occupational Safety and Health Administration  
PEL: Permissible Exposure Limit  
TLV: Threshold Limit Value

THIS MATERIAL SAFETY DATA SHEET IS PREPARED IN COMPLIANCE WITH FEDERAL REGULATIONS (29 CFR 1910.1200), THE COMMONWEALTH OF PENNSYLVANIA REGULATIONS (TITLE 34. CHAPTERS 301-323) AND CANADIAN WHMIS REGULATIONS, ANY APPLICABLE STATE AND LOCAL REGULATIONS SHOULD BE CONSULTED. THE ABOVE INFORMATION MAY BE BASED IN PART ON INFORMATION PROVIDED BY COMPONENT SUPPLIERS AND IS BELIEVED TO BE CORRECT AS OF THE DATE HEREOF. HOWEVER, NO WARRANTY OF MERCHANTABILITY, FITNESS FOR ANY USE, OR ANY OTHER WARRANTY IS EXPRESSED OR IS TO BE IMPLIED REGARDING THE ACCURACY OF THESE DATA, THE RESULTS TO BE OBTAINED FROM THE USE OF THE MATERIAL, OR THE HAZARDS CONNECTED WITH SUCH USE. SINCE THE INFORMATION CONTAINED HEREIN MAY BE APPLIED UNDER CONDITIONS BEYOND OUR CONTROL AND WITH WHICH WE MAY BE UNFAMILIAR, AND SINCE DATA MADE AVAILABLE SUBSEQUENT TO THE DATE HEREOF MAY SUGGEST MODIFICATION OF THE INFORMATION, WE ASSUME NO RESPONSIBILITY FOR THE RESULT OF ITS USE. THIS INFORMATION AND MATERIAL IS FURNISHED ON THE CONDITION THAT THE PERSON RECEIVING IT SHALL MAKE HIS/HER OWN DETERMINATION AS TO THE SUITABILITY OF THE MATERIAL FOR HIS/HER PARTICULAR PURPOSE AND ON THE CONDITION THAT HE/SHE ASSUME THE RISK OF HIS/HER USE THEREOF.

Revised April 4, 2016

# Safety Data Sheet

## Section 1 - Chemical Product and Company Identification

**Product Name:** Duralay Powder Red

**Company Identification:**

Reliance Dental Mfg., LLC.

5805 W. 117<sup>th</sup> Place

Alsip, IL 60803

**For Product Information, call:** 708-597-6694 **For Medical Information, call:** 800-535-5053

## Section 2 - Hazards Identification

### Classification of the substance or mixture

#### Hazard Class – Physical, Health, Environmental

#### Category

Eye Damage/Irritation

2A

Skin sensitizer

1

Reproductive Toxicity

2

Aquatic Toxicity

A3

OSHA Defined Hazards: Combustible dust, may form combustible dust concentrations in air, explosion hazard

**Label elements** –Pictograms, Signal Word, Hazard Statements, Precautionary Statements & Supplemental Information



### Hazards Statements

H317 May cause an allergic skin reaction  
H320 Causes eye irritation  
H361 Suspected of damaging fertility of the unborn child  
H402 Harmful to aquatic life

### Precautionary Statements-Prevention, Response & Disposal

P201 Obtain special instructions before use  
P202 Do not handle until all safety precautions have been read and understood  
P240 Ground and bond container and receiving equipment  
P261 Avoid breathing dust/fume/gas/mist/vapors/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/protective clothing/eye protection/face protection  
P281 Use personal protective equipment as required  
P321 Specific treatment (see...on this label)  
P363 Wash contaminated clothing before reuse  
P302+P352 IF ON SKIN: Wash with soap and water  
P305+P351 IF IN EYES: Rinse continuously with water for several minutes. Remove contact lenses if present and easy to do – continue rinsing  
P308+P313 IF exposed or concerned: Get medical advice/attention  
P333+P313 If skin irritation or a rash occurs: Get medical advice/treatment  
P337+P313 Get medical advice/attention  
P405 Store locked up  
P501 Dispose of contents/container to an authorized disposal facility

### Section 3 - Composition, Information on Ingredients

Item	Chemical Name	CAS #	WT/WT%	GHS Ratings
01	Polymethyl Methacrylate	9011-14-7	80 - 90	Eye damage/Irritation 2B(H320)
02	Diethyl Phthalate	84-66-2	10 - 20	Eye damage/Irritation 2B(H320) Reproductive Toxicity 2 (H361) Aquatic Toxicity A3 (H402)
03	Benzoyl Peroxide	94-36-0	1 - 5	Eye damage/Irritation 2A(H319) Skin Sensitizer 1 (H317)

### Section 4 - First Aid Measures

<b>General advice</b>	Provide the SDS to medical personnel for treatment.
<b>Inhalation:</b>	Remove victim to fresh air. Seek immediate medical attention.
<b>Eye Contact:</b>	If product gets in the eyes, flush with lukewarm water for at least 15 minutes. If irritation occurs, contact a physician.
<b>Skin Contact:</b>	Rinse thoroughly with lukewarm water, followed by a thorough washing of the affected area with soap and water. If irritation, redness or swelling persists, contact a physician immediately.
<b>Clothing:</b>	Remove contaminated clothing, wash thoroughly before reuse.
<b>Ingestion:</b>	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 anything by mouth to an unconscious person. Provide an estimate of the time at which the material was ingested and the amount of the substance that was swallowed. Get medical attention immediately.

### Section 5 - Fire Fighting Measures

<b>Suitable Extinguishing Media:</b>	Water, Chemical (alcohol-resistant) foam, dry chemical, or carbon dioxide.
<b>Unsuitable Extinguishing Media:</b>	Water may not be effective in extinguishing this fire.
<b>Specific Hazards Arising from the Chemical:</b>	Polymers are combustible dusts, care should be taken to avoid creating explosive concentrations in the air. Follow grounding and bonding procedures.
<b>Special Fire Fighting Procedures:</b>	Avoid extinguishing methods, which may generate dust clouds. Water stream can disperse dust into air producing a fire hazard and possible explosion hazard if exposed to ignition source. Firefighters should wear self-contained breathing apparatus.
<b>Protective Equipment and Precautions for Firefighters:</b>	Polymer dust is combustible. The explosive limits of the polymer particles suspended in air are approximately those of coal dust. Polymers are sensitive to static discharge, follow grounding and bounding procedures. Polymers are not sensitive to mechanical impacts.

### Section 6 - Accidental Release Measures

#### Personal Precautions, Protective Equipment and Emergency Procedures

**Personal Precautions** Before cleaning any spill or leak, individuals must wear appropriate Personal Protective

Equipment that is specified in section 8. Keep airborne particulates at a minimum when cleaning up spills. Deny entry to all unprotected individuals. Remove any contaminated clothing and wash thoroughly before reuse.

**Environmental Precautions** Extinguish all ignition sources. Keep spills and cleaning runoffs out of municipal sewers and open bodies of water. US regulations (CERCLA) require reporting spills and releases to soil, water and air in excess of reportable quantities. The toll free number for the US Coast Guard National Response Center is (800)424-8802.

**Methods and Material for Containment and Cleaning Up**

**Methods for Containment** Prevent further leakage or spillage if safe to do so. Dike and contain spill with inert material (e.g. sand or earth). May contaminate water supply.

**Methods for Cleaning Up** Maximize ventilation (open doors and windows) and secure all sources of ignition. Use good, local ventilation with a minimum capture velocity of 100 ft/min (30 m/min) at point of product release. Place into appropriate closed container(s) for disposal in accordance with local, state and federal regulations. Wash all affected areas with plenty of warm water and soap. Not a RCRA Hazardous waste.

## Section 7 - Handling and Storage

### PRECAUTIONS FOR HANDLING

**Advice on Safe handling:** Use in well ventilated areas. Avoid contact with skin, eyes and clothing. Avoid breathing dust. Use good personal hygiene and housekeeping. Avoid prolonged contact with the product. Use in a well-ventilated location (e.g., local exhaust ventilation, fans). After use, wash hands and exposed skin with soap and water. Do not eat, drink or smoke while handling product.

### Conditions for Safe Storage, Including any Incompatibilities

**Storage conditions:** Store containers in a cool, dry location, away from direct sunlight, heat, sparks, flame, other light sources, or sources of intense heat. The temperature should remain at or under 72°F (22°C) at all times. Storing above recommended temperature will cause product performance issues. Store in accordance with National Fire Protection Association recommendations. Observe all label precautions until the container is cleaned, reconditioned or destroyed.

**Incompatible Materials:** Strong oxidizers, strong oxidizing agents

## Section 8 - Exposure Controls, Personal Protection

Chemical name / CAS No.	OSHA Exposure Limits	ACGIH Exposure Limits	Other Exposure Limits
Polymethyl Methacrylate 9011-14-7			
Diethyl Phthalate 84-66-2		5 mg/m3 TWA	NIOSH: 5 mg/m3 TWA
Benzoyl Peroxide 94-36-0	5 mg/m3 TWA	5 mg/m3 TWA	NIOSH: 5 mg/m3 TWA

### Engineering Controls

Use local explosion-proof ventilation that is adequate to keep employee exposure to airborne concentrations below exposure limits. Please refer to the ACGIH document, Industrial Ventilation, A Manual of Recommended Practices, most recent edition, for details.

### Personnel Protective Equipment (PPE) Respiratory Protection

A respirator should be worn whenever workplace conditions warrant use of a respirator. If dust conditions are present, a N95 respirator dust mask is required. None required if airborne concentrations are maintained below any exposure limit that may be listed above. If

necessary, use only respiratory protection authorized per U.S. OSHA's requirement in 29 CFR §1910.134 or other appropriate governing standard.

#### Eye/Face Protection

Wear safety glasses, chemical goggles when splashing is possible, when dealing with this materials. If necessary, refer to 29 CFR §1910.133, or other appropriate governing standard. Ensure that an eyewash station, sink or washbasin is available in case of exposure to eyes.

#### Skin and Body Protection

Complete suit protecting against chemicals, the type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace. Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands.

#### Full Contact:

Material: Nitrile rubber  
Minimum Layer thickness: 0.4 mm  
Break through time: 480 min.

#### Splash Contact:

Material: Nitrile rubber  
Minimum Layer thickness: 0.11 mm  
Break through time: 120 min.

#### General Hygiene Considerations

Handle in accordance with good industrial hygiene and safety practice. Wash thoroughly after handling. An eyewash station and a safety shower are recommended. Food, beverages, and tobacco products should not be carried, stored or consumed where this material is in use. Wash hands thoroughly before eating, drinking, or smoking.

### Section 9 - Physical and Chemical Properties

<b>APPEARANCE:</b>	Fine pink pigmented powder.
<b>ODOR:</b>	Faint odor in bulk.
<b>FLASH POINT:</b>	579°F, 304°C
<b>FLAMMABLE LIMIT (AIR VOLUME %)</b>	0%
<b>EVAPORATION RATE</b>	No data available.
<b>BOILING RANGE (LOW-HIGH)</b>	295°C
<b>SPECIFIC GRAVITY:</b>	0.00

### Section 10 - Stability and Reactivity

<b>MATERIAL STABILITY</b>	Stable
<b>INCOMPATIBILITY (MATERIALS TO AVOID):</b>	Strong oxidizing agents.
<b>HAZARDOUS DECOMPOSITION PRODUCTS:</b>	Methacrylate Monomer and Oxides of Carbon when burned.
<b>POSSIBILITY OF HAZARDOUS REACTIONS</b>	Hazardous polymerization will not occur.

### Section 11 - Toxicological Information

#### MIXTURE TOXICITY

##### Component Toxicity

**Routes of Exposure:** Inhalation, Eye Contact, and Ingestion

**Target Organs:** Eyes, Central Nervous System, Reproductive System, Skin, Peripheral Nervous System, and Respiratory System

**Effects of Overexposure:**  
**Product Components Listed as Carcinogenic**

CAS Number	Description	%Weight	Carcinogen Rating
None			No data available

Section 12 - Ecological Information

**Component Ecotoxicity**

<b>Diethyl Phthalate:</b>	96Hr LC50 Pimphales promelas: 17 mg/L (flow-through); 96 Hr LC50 Pimephales promelas: 16.8 mg/L (static); 96 Hr LC50 Lepomis macrochirus: 22 mg/L (flow-through); 96 Hr LC50 Lepomis macrochirus: 16.7 mg/L (static); 96 Hr LC50 Oncorhynchus mykiss: 12 mg/L (flow-through); 48 Hr EC50 Daphnia magna: 36-74 mg/L; 48 Hr EC50 Daphnia magna: 86 mg/L (static); 72 Hr EC50 Desmodesmus subspicatus: 23 mg/L; 72 Hr EC50 Desmodesmus subspicatus: 23 mg/L (static); 96 Hr EC50 Desmordesmus subspicatus: 21 mg/L; 96 Hr EC50 Desmodesmus subspicatus: 21 mg/L (static); 72 Hr EC50 Pseudokirchneriella subcapitata: 42 – 255 mg/L; 96 Hr EC50 Pseudokirchneriella subcapitata: 2.11-4.29 mg/L (static)
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Section 13 - Disposal Considerations

**WASTE DISPOSAL METHOD**

**Disposal of Wastes:** Dispose of properly in accordance with Federal, State, and Local regulations. It is the responsibility of the generator to determine at the time of disposal whether the product meets the criteria of a hazardous waste. Comply with all applicable federal, state and local regulations. Waste disposal options include landfilling solids at permitted sites. Incinerate in a chemical incinerator equipped with an afterburner and scrubber. Use registered transporters.

**Contaminated Packaging:** Reuse of empty drums or containers is not recommended. Employees should be advised of the potential hazards, due to residual flammable material, associated with empty containers. Dispose of all empty containers properly, in accordance with Federal, State and Local regulations.

Section 14 - Transport Information

Agency	Proper Shipping Name	UN Number	Packing Group	Hazard Class
DOT	Not Regulated, Polymer, NOS			
IATA	Not Regulated, Polymer, NOS			
IMDG	Not Regulated, Polymer, NOS			

Section 15 - Regulatory Information

**State of California Safe drinking Water and Toxic Enforcement Act of 1986**

**(Proposition 65):** WARNING! This product contains the following chemicals which are listed by the State of California as carcinogenic or a reproductive toxin:

-None

**SARA 313** Benzoyl Peroxide 94-36-0

**US State Right-to-know Regulations**

-None

Country	Regulations	All Components Listed
	EINECS	Yes
	SARA Hazard categories	No
	TSCA Inventory	Yes

## Section 16 - Additional Information

### HAZARDOUS MATERIAL IDENTIFICATION SYSTEM (HMIS) RATING:

HEALTH:	1
FLAMMABILITY:	1
REACTIVITY:	0
PERSONAL PROTECTIVE EQUIPMENT:	B

### NATIONAL FIRE PROTECTION ASSOCIATION (NFPA) HAZARD IDENTIFICATION RATING:

HEALTH:	1
FLAMMABILITY:	1
REACTIVITY:	0

### HMIS & NFPA Hazard Rating

\* = Chronic Health Hazard

0 = INSIGNIFICANT

1 = SLIGHT

2 = MODERATE

3 = HIGH

B = Gloves and Safety Glasses or Chemical Goggles.

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, process, storage, transportation, disposal and release and is not considered a warranty or quality specification. This information relates only to the specific material designated and may not be valid for such materials used in combination with any other materials on in any process, unless specified in the text.

Revised October 2, 2017