

1. IDENTIFICATION

Product Identifier

Product Name SELF CURING DENTURE POWDER / JET DENTURE REPAIR POWDER

Other means of identification SDS#

004

Product Code 0830, 0834, 0850, 0856, 0870, 0880 / 1212, 1220, 1223, 1230, 1234, 1250, 1256, 1270, 1280

Recommended use of the chemical and restrictions on use

Recommended Use Fabrication of dentures

Details of the supplier of the safety data sheet Supplier

Address Lang Dental Mfg. Co., Inc.
175 Messner Dr.
Wheeling, IL 60090
USA
847-215-6622

Emergency telephone number

Australia 13 11 26 (POISONS 24 hours / 7 days)

Australian Distributor

Ultimate Dental
660A South Road
MOORABBIN VIC 3189
Tel: 03 9532 1799
Fax: 03 9555 9458
info@ultimatedental.com.au
www.ultimatedental.com

2. HAZARDS IDENTIFICATION

Classification of the substance or mixture

Skin sensitization Category 1

Signal word Warning

Hazard statements H317 May cause an allergic skin reaction.



Physical State Powder **Appearance** Fine, white to pigmented **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/protective clothing/eye protection/face protection.

Precautionary Statements - Response

- P281 Use personal protective equipment as required.
- 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 +P338 to do - continue rinsing.
- P308+P313 If exposed or concerned: Get medical advice/attention.
- P333+P313 If skin irritation or rash occurs: Get medical advice/attention.
- P337+P313 Get medical advice/attention.

Chemical Name	CAS No	Weight - %	Trade Secret
Polymer	9011-14-7	< 90	*
Benzoyl peroxide	94-36-0	< 2	*

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

Precautionary Statements - Disposal

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

3. COMPOSITION / INFORMATION ON INGREDIENTS

4. FIRST AID MEASURES

<p>Inhalation Eye</p> <p>contact</p> <p>Ingestion</p> <p>Skin Contact</p> <p>reuse.</p>	<p><u>First aid measures</u></p> <p>Remove to fresh air. Keep at rest in a position comfortable for breathing. Get medical attention if discomfort persists. Rinse immediately with plenty of water, including under the eyelids, for at least 15 minutes. If irritation persists, get medical advice / attention.</p> <p>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.</p> <p>Wash with soap and water. If irritation persists, call a physician. Take off contaminated clothing and wash before</p>
---	---

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, chemical (alcohol-resistant) foam, dry chemical, or carbon dioxide (CO₂),
- Unsuitable: Water may not be effective in extinguishing this fire.

Specific hazards arising from the chemical

For bulk size: Polymers are combustible dusts, care should be taken to avoid creating explosive concentrations in the air. Follow grounding and bonding procedures.

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. Firefighters should wear self-contained breathing apparatus.

Protective equipment and precautions for firefighters

For bulk size: 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 charge, follow grounding and bonding procedures. Polymers are not sensitive to mechanical impacts.

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.

Methods and material for containment and clean-up

Method for containment Prevent further leakage or spillage if safe to do so. Dike and contain spill with inert material, sand or earth. May contaminate water supply.

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. Temperature not to exceed 35°C.

Packaging materials Keep in original container.

Incompatible materials Strong oxidizing agents

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure guidelines

Chemical Name	ACGIH TLV	OSHA PEL	NIOSH IDLH
Benzoyl peroxide 94-36-0	TWA: 5 mg/m ³	TWA: 5 mg/m ³	TWA: 5 mg/m ³

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

Physical state	Powder	Odor	Faint odor in bulk
Appearance	Fine		
Color	White to pigmented		
<u>Property</u> Flash point	<u>Values</u> 304°C / 579°F 80°C		
Autoignition Temperature	Not applicable		
Evaporation rate			
Flammability limits in air	Upper flammability limit	Not applicable	
Lower flammability limit	Not applicable		
Specific gravity	0		

10. STABILITY AND REACTIVITY

<u>Reactivity</u>	Not reactive under normal conditions	Stable under recommended storage conditions
<u>Chemical stability</u>	None under normal processing	Does not occur.
<u>Possibility of hazardous reactions</u>	Hazardous polymerization	Strong oxidizing agents
<u>Incompatible materials</u>	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	Eye contact	Not expected to be an inhalation hazard under normal conditions of intended use
Skin contact	Avoid contact with eyes.	
Skin contact	Avoid contact with skin.	
Ingestion	Do not taste or swallow.	

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
Component Carcinogenicity No data available

12. ECOLOGICAL INFORMATION

<u>Component Ecotoxicity</u>	There is no specific data available for this product; however, very large releases may be harmful or fatal to overexposed aquatic life.
<u>Persistence and degradability</u>	Not determined
<u>Bioaccumulation</u>	Not determined
<u>Mobility</u>	Not determined
<u>Other adverse effects</u>	Not determined

13. DISPOSAL CONSIDERATIONS

Waste treatment methods

Disposal of wastes

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

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.

14. TRANSPORTATION INFORMATION

DOT

Not regulated

IATA

Not regulated

IMDG

Not regulated

15. REGULATORY INFORMATION

International Inventories

EINECS This product is a medical device and not subject to chemical notification requirements.

US Federal Regulations

TSCA This product is an FDA regulated device and not subject to TSCA regulations.

SARA 302 - Extremely Hazardous - Not Listed

SARA 311 / 312 Hazard Categories - This product is an FDA regulated device and not subject to reporting requirements.

SARA 313 - Toxic Chemicals, component Benzoyl peroxide 94-36-0 Listed

US State Regulations

California Proposition 65 - This product contains the following chemicals which are listed by the State of California as carcinogenic or a reproductive toxin: None

16. OTHER INFORMATION

HMIS	Health Hazards	Flammability	Physical Hazards
	1	1	0

Effective Date 09-Oct-2018

Disclaimer

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 guidance for safe handling, use, processing, storage, transportation, disposal and release. It is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

End of Safety Data Sheet