SAFETY DATA SHEET

Effective Date 13-Apr-2024 **Version 3**

1. IDENTIFICATION

Product Identifier
Product Name PREMIUM SUPER-20 POWDER

Other means of identification
SDS# 016
Product Code 0630, 0634, 0650, 0656, 0670, 0680

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

Australian Distributor
Ultimate Dental supply
660A South Rd
MOORABBIN VIC 3189
03 9532 1799
info@ultimatedental.com.au

Emergency telephone number
Company Phone Number +1 847-215-6622
Emergency Telephone (INFOTRAC) +1 352-323-3500 (International)
800-535-5053 (North America)

Australian Emergency telephone number
13 11 26 - Poisons Hotline 24/7

Authorized European Representative Medimark® Europe Sarl
11 rue Emile Zola. BP 2332
38033 Grenoble Cedex 2
France
Tel: +33 4 76 86 43 22
Fax: +33 4 76 17 19 82
Email: info@medimark-europe.com

2. HAZARDS IDENTIFICATION

Classification This chemical does not meet the hazardous criteria set forth by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200); however, this Safety Data Sheet (SDS) contains valuable information critical to the safe handling and proper use of this product and should be retained for employees and other users of this product.

Signal word Warning

Hazard statements H320 Causes eye irritation

Precautionary Statements – Prevention
P202 Do not handle until all safety precautions have been read and understood.
P264 Wash thoroughly after handling.
P280 Wear protective gloves/protective clothing/eye protection/face protection.

Precautionary Statements – Response
P302+P352 IF ON SKIN: Wash with plenty of soap and water.
P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P333+P313 If skin irritation or rash occurs, get medical advice/attention.
P337+P313 If eye irritation persists: Get medical advice/attention.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Classification of the substance or mixture

Chemical Name	CAS No	Weight - %	Trade Secret
Polymer	9011-14-7	90-100	*

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

4. FIRST AID MEASURES

First aid measures

Inhalation	Remove victim to fresh air. Keep at rest in a position comfortable for breathing. Seek immediate medical attention if needed.
Eye contact	Rinse immediately with plenty of water, including under the eyelids, for at least 15 minutes. If irritation persists, call a physician immediately.
Ingestion	If ingested, 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. Seek immediate medical attention.
Skin Contact	Wash with soap and water. If irritation, redness or swelling persists, call a physician immediately. Take off contaminated clothing and wash before reuse.

Indication of any immediate medical attention and special treatment needed

Note to physicians	Treat symptomatically.

5. FIRE-FIGHTING MEASURES

Extinguishing Media

Suitable: Water spray, chemical foam, carbon dioxide (CO_2), dry chemical.
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

Polymer dust is combustible. The explosive limits of the polymer particles suspended in air approximately those of coal dust. Polymers are sensitive to static discharge, follow grounding and bounding procedures. Polymers are not sensitive to mechanical impacts.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Personal precautions	For bulk size: Use personal protective equipment as required. 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.

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 (e.g. sand or earth). May contaminate water supply.
Method for clean-up	Sweep up to avoid slipping hazard. 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.

7. HANDLING AND STORAGE

Precautions for safe handling

Advice on safe handling	Use in well-ventilated areas. Avoid contact with skin, eyes or clothing. Avoid breathing dust. Use good personal hygiene and housekeeping. Avoid prolonged contact with the product. Use in well-ventilated location. After use, wash hands and exposed skin with soap and water. 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 containers in a cool, dry location, away from direct sunlight, heat, sparks, flame, other light sources, or sources of intense heat. Preferable storage temperature not to exceed 35°C.
Packaging materials	Keep in original container.
Incompatible materials	Strong oxidizers, strong oxidizing agents.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure guidelines

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. Wash thoroughly after handling. An eyewash station is 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.

9. PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

Physical state	Powder	**Odor**	Faint odor in bulk
Color	Pink	**Odor threshold**	Not determined

Property	**Values**	**Remarks / Method**
pH	Not determined	
Melting point / freezing point	Not determined	
Boiling point / boiling range	Not applicable	
Flash point	303°C / 577°F	
Evaporation rate	Not applicable	
Flammability (solid, gas)	Non-flammable	
Flammability limits in air		
Upper flammability limit	Not applicable	
Lower flammability limit	Not applicable	
Vapor pressure	Not applicable	
Vapor density	Not applicable	
Specific gravity	Not determined	
Water solubility	Insoluble in water	

10. STABILITY AND REACTIVITY

Reactivity Not reactive under normal conditions
Chemical stability Stable under recommended storage conditions
Possibility of hazardous reactions Hazardous polymerization will not occur.
Incompatible materials Strong oxidizing agents
Hazardous decomposition products Methacrylate monomer and 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 Not expected to be an inhalation hazard under normal conditions of intended use
Eye 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 Skin contact may aggravate an existing dermatitis. Direct contact with eyes may cause temporary irritation.

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

Carcinogenicity No data available.

12. ECOLOGICAL INFORMATION

Ecotoxicity No data available

13. DISPOSAL CONSIDERATIONS

Waste treatment methods

Disposal of wastes Disposal should be in accordance with applicable regional, national and local laws and regulations.

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 flammable material, associated with empty containers. Dispose of all empty containers properly, in accordance with federal, state, local regulations.

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.
EU Regulations EC No. 1272/2008 (CLP) Classification, Labeling, Packaging
Medical Devices Directive 93/42/EEC - Class I Medical Devices

US State Regulations California Proposition 65 – Warning. 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 13-Apr-2024

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