



SAFETY DATA SHEET

Issue Date 26-Sept-2014

Revision Date

Version 1

1. IDENTIFICATION

Product Identifier

Product Name ORTHODONTIC GLITTER

Other means of identification

SDS# 036

Product Code 2410

Recommended use of the chemical and restrictions on use

Recommended Use Decorative enhancement to orthodontic appliances

Details of the supplier of the safety data sheet

Supplier Address

Lang Dental Mfg. Co., Inc.
175 Messner Dr.
Wheeling, IL 60090
USA

Emergency telephone number

Company Phone Number 847-215-6622

Emergency Telephone (INFOTRAC) 352-323-3500 (International)
800-535-5053 (North America)

2. HAZARDS IDENTIFICATION

Classification This chemical does not meet the hazardous criteria set forth by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.122); 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.

Physical State	Solid	Appearance	Various colored geometric shapes or fine particulates	Odor	Mild
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Hazards not otherwise classified (HNOC) Not applicable

3. COMPOSITION / INFORMATION ON INGREDIENTS

100% copolymer or aluminum copolymer

4. FIRST AID MEASURES

First aid measures

Inhalation Remove to fresh air. 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 Get medical attention.

Skin Contact Wash thoroughly with soap and water.

Most important symptoms and effects, both acute and delayed

Symptoms Direct contact with eyes may cause stinging, tearing and redness.

Indication of any immediate medical attention and special treatment needed

Note to physicians Treat symptomatically.

5. FIRE-FIGHTING MEASURES

Extinguishing Media

Suitable: Water spray (fog), dry chemical or foam

Unsuitable: Not determined

Specific hazards arising from the chemical

If these products are either ignited or exposed to elevated temperatures causing decomposition, harmful vapors may be emitted.

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.

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 and shovel into suitable containers for disposal.

7. HANDLING AND STORAGE

Precautions for safe handling

Advice on safe handling Never touch eyes or face with hands or gloves that may be contaminated with this product. Use personal protection recommended in Section 8.

Conditions for safe storage, including any incompatibilities

Storage Conditions Keep container tightly closed. Store in a dry area, away from excessive heat or sources of ignition (pilot lights, electric motors, static electricity).

Packaging materials Keep in original container.

Incompatible materials Acids, alkalis, strong oxidizing agents

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure guidelines

Appropriate engineering controls Apply technical measures to comply with the occupational exposure limits.

Individual protection measures, such as personal protective equipment

Eye / face protection Use safety glasses. Avoid contact with eyes, hands and mouth.

Skin and body protection Wear suitable protective clothing as needed.

Respiratory protection Wear dust mask as needed.

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	Solid	Odor	Mild
Appearance	Various geometric shapes or fine particulates	Odor threshold	Not determined
Color	Various		
<u>Property</u>	<u>Values</u>	<u>Remarks / Method</u>	
pH	No data		
Melting point / freezing point	Product softens gradually over a wide temperature range.		
Boiling point / boiling range	Not established		
Flash point	Not applicable		
Evaporation rate	Not applicable		
Flammability (solid, gas)	Not determined		
Flammability limits in air			
Upper flammability limit	Not determined		
Lower flammability limit	Not determined		
Vapor pressure	Negligible		
Vapor density	Not determined		
Specific gravity	> 1	Water = 1	
Water solubility	< 1%		
Solubility in other solvents	Not determined		
Partition coefficient	Not determined		
Autoignition temperature	Not determined		
Decomposition temperature	Not determined		
Kinematic viscosity	Not determined		
Dynamic viscosity	Not determined		
Explosive properties	Not determined		
Oxidizing properties	Not determined		

10. STABILITY AND REACTIVITY

Reactivity Avoid acids, alkalis and strong oxidizing agents.

Chemical stability Stable under normal atmospheric conditions

Possibility of hazardous reactions None under normal processing

Conditions to avoid Keep out of reach of children.

Incompatible materials

Acids, alkalis, strong oxidizing agents

Hazardous decomposition products

If ignited or exposed to elevated temperatures, harmful vapors may be emitted.

11. TOXICOLOGICAL INFORMATION**Information on likely routes of exposures****Product information**

Inhalation	No known effects
Eye contact	No known effects
Skin contact	No known effects
Ingestion	No known effects

Information on physical, chemical and toxicological effects

Symptoms Direct contact with eyes may cause temporary irritation.

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

Carcinogenicity This product does not contain any carcinogens or potential carcinogens as listed by OSHA, IARC or NTP.

Numerical measures of toxicity – Product Not determined

12. ECOLOGICAL INFORMATION

Ecotoxicity This product is not expected to be hazardous to the environment.

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

Contaminated Packaging Disposal should be in accordance with applicable regional, national and local laws and regulations.

14. TRANSPORTATION INFORMATION

DOT Not regulated

IATA Not regulated

IMDG Not regulated

15. REGULATORY INFORMATION

None

16. OTHER INFORMATION

HMIS	Health Hazards	Flammability	Physical Hazards
	1	0	0

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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 a 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