

# SAFETY DATA SHEET

## SECTION 1. IDENTIFICATION



Great Lakes Orthodontics  
200 Cooper Ave  
Tonawanda, NY 14150

716-871-1161  
800-828-7626  
CHEMTREC: 800-424-9300

**Product Name:** Crème Polish, Lustreshine  
**Product Number:** 230-015

Effective Date: 9/28/17

## SECTION 2. HAZARDOUS IDENTIFICATION

### US Hazard Classification (29CFR 1910.1200-2012)

This product is not classified as hazardous in accordance with the OSHA Hazard Communication Standard.

### GHS/CLP (1272.2008) Classification

This product does not meet the criteria for classification in accordance with Regulation (EC) No 1272/2008

### Label Elements

None required.

## SECTION 3. COMPOSITION / INFORMATION ON INGREDIENTS

<u>Chemical Name</u>	<u>CAS#</u>	<u>EINECS #</u>	<u>FHS/CLP Classification</u>	<u>% w/w</u>
Non-hazardous ingredients	Mixture	Mixture	Not Hazardous	Balance
Aluminum Oxide	1344-28-1	215-691-6	Not Hazardous	20 - 50

## SECTION 4. FIRST AID MEASURES

### Eye

Flush eyes thoroughly with water. Get medical attention if irritation occurs and persists.

### Skin

No first aid should be needed. If irritation occurs, wash contact area with soap and water. Get medical attention if irritation or symptoms of exposure develop and persist.

### Inhalation

No first aid should be needed. If irritation from mist or vapor occurs and persists, get medical attention.

### Ingestion

No harmful effects are expected. If symptoms occur, get medical attention.

## **SECTION 5. FIRE FIGHTING MEASURES**

### **Extinguishing Media**

Dry chemical, foam, and Carbon Dioxide are recommended

### **Special Hazards Arising from the Substance or Mixture**

**Unusual Fire and Explosion Hazards** – None know.

**Combustion Products** – Thermal decomposition or combustion may product oxides of carbon and irritating fumes.

### **Special Fire Fighting Procedures**

Wear an approved, positive pressure, self-contained breathing apparatus and full protective clothing for all fires involving chemicals.

## **SECTION 6. ACCIDENTAL RELEASE MEASURES**

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

Seek to ensure ventilation that maintains exposure. Keep unprotected persons away. Although the substance has no or very low acute toxicity hazard, it is advised to avoid contact with skin, eyes, and clothing; wear suitable protective equipment when needed.

### **Environmental Precautions**

Avoid release to the environment. Report spills and releases as required to appropriate authorities.

### **Methods and Material for Containment and Cleaning up**

Collect spilled material in suitable containers for recovery or disposal. In the case of disposal, spilled material or contaminated material should be disposed of as waste as described in Section 13.

### **Reference to Other Sections**

Refer to Section 8 for personal protective equipment and Section 13 for disposal information.

## **SECTION 7. HANDLING & STORAGE**

### **Precautions for Safe Handling**

Wash thoroughly after handling. Do not wear contaminated clothing or shoes. Use good industrial hygiene practice. Wear appropriate personal protective equipment.

### **Conditions for Safe Storage, including any incompatibilities**

Store in a dry area away from incompatible materials.

## SECTION 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

<b>Chemical Name</b>	<b>Exposure Limits</b>
Non-hazardous Ingredients	None Established
Aluminum Oxide	1 mg/m <sup>3</sup> TWA ACGIH TLV (respirable) (as Aluminum metal and insoluble compounds) 15 mg/m <sup>3</sup> TWA OSHA PEL (total dust), 5mg/m <sup>3</sup> TWA (respirable fraction) 10 mg/m <sup>3</sup> TWA UK WEL (inhalable aerosol), 4mg/m <sup>3</sup> TWA (respirable aerosol) 4 mg/m <sup>3</sup> TWA DFG MAK (inhalable aerosol), 1.5 mg/m <sup>3</sup> TWA (respirable aerosol) 5 mg/m <sup>3</sup> TWA ACGIH TLV 5 mg/m <sup>3</sup> TWA DFG MAK

### **Exposure Controls**

#### **Appropriate Engineering Controls**

General exhaust ventilation should be adequate to maintain exposure below the occupational exposure limits.

#### **Respiratory Protection**

None required for normal use. If needed, an approved respirator may be used. Respirator selection and use should be based on contaminant type, form, and concentration. Follow applicable regulations and good industrial hygiene practice.

#### **Skin Protection**

Impervious gloves are recommended if needed to avoid prolonged contact.

#### **Eye Protection**

None should be needed under normal use conditions.

## SECTION 9. PHYSICAL & CHEMICAL PROPERTIES

- **Color** – Gray
- **Odor** – Odorless.
- **Solubility in Water** – 100% soluble
- **Flash Point** – 415 °F (218 °C)

**Not applicable** – Boiling Point, Vapor Pressure, Vapor Density, Specific Gravity, and Evaporation Rate.

#### **Reactivity**

Not reactive under regular storage and handling conditions.

## SECTION 10. STABILITY & REACTIVITY

### **Chemical Stability**

Stable under regular storage and handling conditions.

### **Possibility of hazardous Reactions**

None know.

### **Conditions to Avoid**

Avoid extreme temperatures

### **Incompatible Materials**

Strong acids, strong bases, chlorine trifluoride, ethylene oxide, halogenated hydrocarbon, oxygen difluoride, sodium nitrate, vinyl compounds, chlorine, and oxidizers.

### **Hazardous Decomposition Products**

Thermal decomposition or combustion may produce oxides of carbon and irritating fumes.

## SECTION 11. TOXICOLOGICAL INFORMATION

### **Eye Contact**

Contact may cause slight eye irritation.

### **Skin Contact**

No adverse effects expected.

### **Inhalation**

Inhalation of mist or vapor may cause slight nose and throat irritation.

### **Ingestion**

Not expected to be harmful. Ingestion of large amounts may cause gastrointestinal distress.

### **Acute Toxicity Values**

- Non Hazardous ingredients – No data available
- Aluminum Oxide – Oral rat LD50 > 15900 mg/kg, inhalation rat LC50: 7.6 mg/L/1 hr
- Triethanolamine – Oral rat LD50: 6400 mg/kg, dermal rabbit LD50 > 2000 mg/kg

### **Skin corrosion / irritation**

No data available for mixture. Components are not skin irritants.

### **Eye damage/ irritation**

No data available for mixture. Components are not eye irritants.

### **Respiratory irritation**

No data available for mixture. Components are not respiratory irritants.

### **Skin Sensitization**

No data available for mixture. Components are not respiratory sensitizers.

### **Germ Cell Mutagenicity**

No data available for mixture. Components are not germ cell mutagens.

### **Carcinogenicity**

None of the components of this product present at 0.1% or greater are listed as carcinogens by OSHA, IARC, NTP, ACGIH, and the EU CLP.

### **Reproductive Toxicity**

No data available for mixture. Components are not reproductive toxins.

### **Aspiration Hazard**

No data available for mixture. Components do not present an aspiration hazard.

### **Specific Target Organ Toxicity**

Single and Repeat Exposure – No data available.

**SECTION 12. ECOLOGICAL INFORMATION (non-mandatory)**

Not applicable / No data available.

**SECTION 13. DISPOSAL CONSIDERATIONS (non-mandatory)**

Dispose in accordance with all local, state, and national regulations.

**SECTION 14. TRANSPORT INFORMATION (non-mandatory)**

Not regulated.

**SECTION 15. REGULATORY INFORMATION (non-mandatory)**

Not applicable.

**SECTION 16. OTHER INFORMATION (non-mandatory)**

HMIS Rating:

- **Health** – 1
- **Flammability** – 0
- **Physical Hazard** - 0