

# **SAFETY DATA SHEET**

## **LUMINESCENCE® PLUS**

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### 1. IDENTIFICATION

**PRODUCT NAME:** LUMINESCENCE® PLUS - DENTAL POLISHING PASTE  
 PREMIER® DENTAL PRODUCTS COMPANY  
 1710 ROMANO DRIVE  
 PLYMOUTH MEETING, PA 19462  
 PHONE: 610-239-6000 FAX: 610-239-6171  
 EMERGENCY PHONE: 610-239-6000

**RECOMMENDATIONS FOR USE:** POLISHING PASTE FOR DENTAL RESTORATIVE MATERIALS  
**RESTRICTIONS FOR USE:** NO KNOWN RESTRICTIONS

### 2. HAZARDS IDENTIFICATION

**ACUTE HEALTH EFFECTS:** POSSIBLE IRRITATION OF THE EYES FROM ABRASION OF THE DIAMOND IF EXPOSED TO THE EYES. THERE ARE NO OTHER KNOWN ACUTE HEALTH EFFECTS FROM NORMAL USE AND EXPOSURE

**CHRONIC HEALTH EFFECTS:** THERE ARE NO KNOWN CHRONIC HEALTH EFFECTS FROM NORMAL USE AND EXPOSURE.

**CARCINOGENIC EFFECTS:** CLASSIFIED AS 4 (NOT CLASSIFIABLE FOR HUMAN OR ANIMAL)

**MUTAGENIC EFFECTS:** NONE

**TETRATOGENIC EFFECTS:** NONE

**DEVELOPMENTAL TOXICITY:** NONE

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

| CHEMICAL NAME        | COMMON NAME | SARA | CAS #     | OSHA PEL | ACGIH | CARCINOGEN |
|----------------------|-------------|------|-----------|----------|-------|------------|
|                      |             | 313  |           |          | TLV   |            |
|                      |             | Y/N  |           |          |       |            |
| GLYCEROL             | GLYCERIN    | N    | 56-81-5   | ***      | ***   | N/CLASS 4  |
| INDUDTRIAL DIAMOND   | N/A         | N    | 7782-40-3 | ***      | ***   | N/CLASS 4  |
| FOODGRADE COMPONENTS | N/A         | N    | ***       | ***      | ***   | N/CLASS 4  |
| POTASSIUM NITRATE    | N/A         | N    | 7757-79-1 | ***      | ***   | N/CLASS 4  |

COMPOSITION IS PROPRIETARY.

### 4: FIRST AID MEASURES

**EYES:** FLUSH EYES FOR 15 MINUTES AND SEEK MEDICAL ATTENTION IF IRRITATION PERSISTS. WEAR EYE PROTECTION DURING USE OF THIS PRODUCT.

**SKIN CONTACT:** WASH THOROUGHLY WITH SOAP AND WATER.

**INHALATION:** USE OF A RESPIRATOR WILL PREVENT ANY ACCIDENTAL INHALATION OF PRODUCT.

**INGESTION:** THERE ARE NO KNOWN EFFECTS FROM INGESTION.

### 5. FIRE, EXPLOSION DATA AND MEASURES

**FLAMMABILITY:** NON - FLAMMABLE

**AUTO-IGNITION:** NOT APPLICABLE

**FLASH POINT:** NOT APPLICABLE

**FLAMMABLE LIMITS:** LEL: NOT APPLICABLE UEL: NOT APPLICABLE

**PRODUCTS OF COMBUSTION:** STANDARD PRODUCTS OF COMBUSTION I.E. CARBON MONOXIDE, CARBON DIOXIDE, ETC. FROM SURROUNDING FIRE

**EXTINGUISHING MEDIA:** IN PRESENCE OF FIRE USE WATER

**SPECIAL FIRE FIGHTING PRECAUTIONS/INSTRUCTIONS:**

ALWAYS WEAR SELF-CONTAINED BREATHING APPARATUS ON POSITIVE PRESSURE. USE WATER TO KEEP MATERIAL IN OR NEAR FIRE COOL. AVOID ANY BODILY CONTACT WITH SUBSTANCE OR WATER FROM FIRE FIGHTING. WATER FROM FIRE FIGHTING SHOULD BE CONTAINED AND DISPOSED PER INSTRUCTIONS IN SECTION 12.

**6. ACCIDENTAL RELEASE MEASURES**

**IN CASE OF SPILL OR RELEASE:** ALWAYS WEAR RECOMMENDED PERSONAL PROTECTIVE EQUIPMENT (PPE) PER SECTION 8. PROVIDE ADEQUATE VENTILATION TO THE AREA OF THE SPILL. USE APPROPRIATE TOOLS TO CLEAN UP AS MUCH OF THE SPILL AS POSSIBLE AND PLACE SOLIDS IN A WASTE CONTAINER FOR DISPOSAL. COMPLETE CLEAN UP BY MOPPING AND COLLECT ALL MOP WATER FOR PROPER DISPOSAL. DISPOSE OF ALL WASTES IN ACCORDANCE TO FEDERAL, STATE OR LOCAL GUIDELINES.

**7. HANDLING AND STORAGE**

**HANDLING:** USE NORMAL PRECAUTIONS TO PREVENT SPILLING AND CONTAMINATION OF SURROUNDING AREA. GLYCEROL CAN BE EXTREMELY SLIPPERY ON SURFACES AND FLOORS.

**STORAGE:** STORE ON COOL, DRY LOCATION

**8. EXPOSURE CONTROLS/PERSONAL PROTECTION**

**ENGINEERING CONTROLS:** USE UNIVERSAL PROTECTION FOR BODILY FLUIDS.

**PERSONAL PROTECTIVE EQUIPMENT DURING USE**

**EYE PROTECTION:** SAFETY GLASSES OR FACE SHIELD

**RESPIRATORY PROTECTION:** DUST MASK TO PREVENT INHALATION OF MISTS DURING USE.

**SKIN PROTECTION:** APPROPRIATE GLOVES

**PERSONAL PROTECTIVE EQUIPMENT (PPE) DURING ACIDENTAL SPILL**

**EYE PROTECTION:** PROTECTIVE GLASSES OR FACE SHIELD

**RESPIRATORY PROTECTION:** NO SPECIAL RESPIRATORY PROTECTION IS NEEDED FOR SPILL CLEAN UP

**SKIN PROTECTION:** APPROPRIATE GLOVES

**IN CASE OF SPILL OBSERVE ANY ALL GUIDELINES PER ACGIH/TLV WHEN SELECTING PPE**

**9. PHYSICAL AND CHEMICAL PROPERTIES**

**APPEARANCE:** LUMINESCENCE® PLUS – GRAY

**PHYSICAL STATE:** PASTE

**ODOR:** ODORLESS

**SOLUBILITY:** COMPLETELY SOLUBLE IN WATER

**pH:** NOT APPLICABLE

**BOILING POINT:** NOT APPLICABLE

**VISCOSITY:** NOT APPLICABLE

**FLASH POINT:** NOT APPLICABLE

**AUTO IGNITION:** NOT APPLICABLE

**10. STABILITY AND REACTIVITY**

**STABILITY:** STABLE UNDER NORMAL CONDITIONS

**CONDITIONS TO AVOID:** NONE KNOWN

**MATERIAL TO AVOID:** NONE KNOWN

**HAZARDOUS DECOMPOSITION PRODUCTS:** NOT APPLICABLE

**HAZARDOUS POLYMERIZATION:** WILL NOT OCCUR

**11. TOXICOLOGICAL INFORMATION**

**ROUTES OF ENTRY:** INHALATION, INGESTION

**SPECIAL REMARKS ON ACUTE EFFECTS ON HUMANS AS PASTE:** NONE KNOWN

**12. ECOLOGICAL INFORMATION**

**ECOTOXICITY:** NON-TOXIC

**BOD AND COD:** NOT AVAILABLE

**13. DISPOSAL**

DISPOSE OF UNUSED PASTE ACCORDING TO FEDERAL, STATE OR LOCAL LAWS. EMPTY CONTAINERS MAY CONTAIN TRACE AMOUNTS OF PASTE SHOULD BE TREATED ACCORDINGLY.

**14. TRANSPORT INFORMATION**

THIS PRODUCT IS NOT REGULATED BY DOT.

**15. REGULATORY INFORMATION**

**HAZ COM 29CFR 1910.1200:** DIAMOND CRYSTALS MAY IRRITATE EYES

**SARA 313:** NOT REPORTABLE

**HMIS (USA)**

HEALTH HAZARD: 0  
FIRE HAZARD: 0  
REACTIVITY: 0  
PPE: E

**NFPA (USA)**

HEALTH HAZARD: 0  
FIRE HAZARD: 0  
REACTIVITY: 0  
PPE:

GLOVES, LAB COAT, BOOTS, GLASSES  
LUNETTES

**16. OTHER INFORMATION**

PREMIER'S REVISION DATE: 9/22/2014

REVISION NUMBER: 6

LUMINESCENCE® PLUS - DENTAL POLISHING PASTE IS SOLD FOR PROFESSIONAL USE ONLY.

SUPPLIER'S DATE: 01/30/2013

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