



IMPRESSIVE DENTAL LAB STONE

SAFETY DATA SHEET (SDS)

SECTION I – PRODUCT AND COMPANY IDENTIFICATION

PRODUCT IDENTIFIER:**DENTAL LAB GYPSUM**

Product Name:

Impressive - Lab Plasters and Die Stones

Product Form:

Powder

Other Means of Identification:

Lab Plaster, Impression Plaster, Ortho Model Plaster, (Regular, Fast and slow set), Die Stone (Supra Pink, Precision Blue and Accu Green), Stones (Yellow, High Strength Yellow or White and Ultra White Ortho, Super Ortho, Rocky Yellow or White)

RELEVANT IDENTIFIED USES OF THE MIXTURE:

Dental Stones and Plasters for Models and Impressions

DETAILS OF THE SUPPLIER OF THE SAFETY DATA SHEET

COMPANY:

POSCA DENTAL SUPPLY

ADDRESS:

960 S VIA RODEO

PLACENTIA, CA 90870

Info@PoscaDentalSupply.com

OFFICE -

877-364-2445

714-941-2072

FAX -

714-941-2077

EMERGENCY TELEPHONE NUMBER:

911 or local emergency dispatch

SDS DATE OF PREPARATION/REVISION: FEBRUARY 1, 2022



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SECTION II – HAZARD(S) IDENTIFICATION

GHS Carcinogenicity Category 1A



Hazard Phrases:

May form combustible dust concentrations in the air.

May cause cancer.

Precautionary Phrases:

Obtain special instructions before use.

Do not handle until all safety precautions have been read and understood.

Wear protective gloves/protective clothing/eye protection/face protection.

If exposed or concerned, get medical attention.

Store in a safe locked area.

Dispose of contents and container in accordance with local and national regulations.

SECTION III– COMPOSITION INFORMATION

As supplied, the components listed below:

<u>COMPONENT</u>	<u>CAS#</u>	<u>PERCENT %</u>
QUARTZ	14808-60-7	0.1-1%
GYP SUM (CALCIUM SULFATE)	7778-18-9	90-100%

SECTION IV – FIRST-AID MEASURES

If concerned by exposure seek medical advice/attention.

Provide this SDS to the medical specialist.



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DESCRIPTION OF FIRST AID MEASURES

Eyes:_____ Rinse thoroughly with water. Get medical attention if irritation occurs and persists.

Skin:_____ Flush thoroughly with water. Get medical attention if irritation or symptoms of exposure develop. Remove and launder contaminated clothing before re-use.

Inhalation:_____ Immediately remove victim to fresh air. If breathing is difficult, oxygen should be administered by qualified personnel. If breathing has stopped, administer artificial respirations and seek immediate medical attention

Ingestion:_____ Do NOT induce vomiting. Rinse mouth with water. Never give anything by mouth to an unconscious or convulsing person. Keep the victim calm and warm. Get immediate medical attention.

Most important symptoms and effects, acute and delayed: Exposure to airborne concentrations above statutory or recommended exposure limits may cause irritation of the eyes, nose, throat, and lungs.

Indication of immediate medical attention and special treatment, if needed: None required under normal conditions of use.

SECTION V – FIRE FIGHTING INFORMATION

SUITABLE (AND UNSUITABLE) EXTINGUISHING MEDIA

Use any media appropriate for the surrounding fire. Cool fire exposed containers with water.

SPECIFIC HAZARDS ARISING FROM THE CHEMICAL:

Combustion may produce carbon dioxide, carbon monoxide, sulfur oxides, metal oxides, and calcium oxide.

SPECIAL PROTECTIVE EQUIPMENT AND PRECAUTIONS FOR FIREFIGHTERS:

Firefighters should wear positive pressure self-contained breathing apparatus and full protective clothing for fires in areas where chemical are used or stored. Cool fire-exposed containers with water. Contain water used in firefighting from entering sewers or natural waterways.



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SECTION VI – ACCIDENTAL RELEASE MEASURES

- Methods for Cleaning Up:** Prompt cleanup and removal are necessary. Use spark-proof tools and explosion-proof equipment, Avoid dust generation, Do not dry sweep. Vacuum duct with equipment fitted with HEPA filter and place in a closed, labeled waste container. For large spills, approach release from upwind. Avoid creating dusty conditions and prevent wind dispersal. Dispose of via a licensed waste disposal contractor.
- Environmental Precautions:** Avoid release into the environment. Report spill as required by local and federal regulations.
- Personal Precautions and Emergency Procedures:** Evacuate spill area and keep unprotected personnel away. Avoid contact with eyes, skin, and clothing. Wear appropriate protective clothing and equipment. Do not breathe dust vapors.

SECTION VII – HANDLING AND STORAGE

- Handling:** Prevent contact with eyes, skin and clothing. Always wear impervious gloves, chemical safety goggles and protective clothing when handling this material. Wash thoroughly with soap and water after handling. Do not eat, drink or smoke in the work area. Do not breathe dust. Use with adequate ventilation. Remove and wash contaminated clothing before reuse.
- NOTE: Empty containers retain their product residues which can be hazardous. Follow all SDS precautions when Handling empty containers.
- Storage:** Store in a cool, dry, well ventilated area away from direct sunlight. Keep in the original container or an approved alternative made from a compatible material. Keep tightly closed when not in use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabeled containers.



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SECTION VIII – EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Guidelines:

SUBSTANCE

EXPOSURE LIMIT

Quartz

0.025 mg/³ TWA ACGIH TLV

Engineering Controls:

Use with adequate general or local exhaust ventilation to maintain exposer levels below the occupational exposure limits.

Respiratory Protection:

None under normal use conditions with adequate ventilation. For operations where the occupational exposure limits are exceeded, an approved respirator with particulate cartridges is recommended. Equipment selection depends on contaminant type and concentration. Select in accordance with applicable regulations and good industrial hygiene practice. For firefighting, use self-contained breathing apparatus.

Skin Protection:

Impervious gloves are suggested to prevent skin contact. Wear protective clothing as needed to avoid other skin contact and contamination of personal clothing.

Eye Protection:

Chemical safety goggles are recommended if contact is possible.

General Protection:

Suitable eye and skin washing facilities should be available in the work area.

SECTION IX – PHYSICAL AND CHEMICAL PROPERTIES

Physical State:

Powder

Appearance:

Various colored solid (powder)

Odor:

Odorless

Melt/Freeze Point:

Not Available

Solubility:

In H₂O % by volume <1

Vapor Density:

Not Available

Volatiles:

% by volume N/A

Vapor Pressure:

Not Available

Flash Point:

Not Flammable



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SECTION X – STABILITY AND REACTIVITY

Chemical Stability:	Stable as supplied under normal storage and handling.
Conditions to Avoid:	Avoid the creation of dust when handling and avoid all possible sources of ignition. Take precautionary measures against electrostatic discharges. To avoid fire or explosion, dissipate static electricity during transfer by grounding and bonding containers and equipment before transferring material. Prevent dust accumulation.
Incompatible Materials:	Acids

SECTION XI – TOXICOLOGICAL INFORMATION

Potential Health Effects:

Inhalation: Exposure to airborne concentrations above statutory or recommended exposure limits may cause irritation of the most, throat and lungs.

Skin Contact: None expected

Eye Contact: Exposure to airborne concentrations above statutory or recommended exposure limits may cause irritation.

Ingestion: None expected.

Chronic

Hazards: Repeated or prolonged inhalation of dust may lead to chronic respiratory irritation. May cause cancer. Risk of cancer depends on duration and level of exposure.

Skin

Sensitization: No adverse effects expected. Components are not sensitizers. Mixed material may develop enough heat to cause burns if large amount come-on contact with skin during handling.

Respiratory

Sensitization: No data available. This product is not expected to cause respiratory sensitization.



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Germ Cell

Mutagenicity: None of the components have shown mutagenic activity in animal studies.

Carcinogen: Quartz is listed as “Carcinogenic to Humans” (Group 1) by IARC, “Suspected Human Carcinogen” (Group A2) by ACGIH, and “Known to be a Human Carcinogen” by NTP.

Developmental

Reproductive

Toxicity: None of the components have been shown to cause reproductive or developmental toxicity.

Specific Target Organ Toxicity (repeated Exposure):

Repeated/PROLONGED exposure may affect lungs.

Aspiration: No aspiration hazard.

Acute Toxicity: No data available.

SECTION XII – ECOLOGICAL INFORMATION

No ecological hazard has been determined for this product. It is the responsibility of end user to ensure that this product is stored, used and disposed of so it is not released into the environment.

SECTION XIII – DISPOSAL CONSIDERATIONS

Waste Disposal Recommendations

Dispose of this product, unused product and packaging in accordance with local, state, provincial and federal regulations.

SECTION XIV – TRANSPORT INFORMATION

This material is non-hazardous for transportation and is not regulated.



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SECTION XV – REGULATORY INFORMATION

This material is non-hazardous and is not associated with any regulatory warnings.

SECTION XVI – OTHER INFORMATION

Indication of Changes

New SDS Created 02/01/2022

Revision/Version Date

Other Information:

Prepared by Posca Dental Supply

NOTICE

All information, suggestions and recommendations appearing in this document in relation to the mentioned product type above are based upon data obtained from the manufacturer and/or recognized technical sources; however, **Posca Dental Supply** makes no warranty, representation or guarantee as to the accuracy, sufficiency, or completeness of the material set forth herein. It is the user's responsibility to determine the safety toxicity and suitability of his/her own use, handling and disposal of product. Since actual use by others is beyond our control, no warranty, expressed or implied, is made by **Posca Dental Supply** as to the effect of such use. **Posca Dental Supply** does not assume any liability arising out of use by others of the product referred to herein. The data in this Safety Data Sheet (SDS) relates only to the specific material designated herein and does not relate to use in combination with any other material.