

MATERIAL SAFETY DATA SHEET**SECTION 1
MATERIAL IDENTIFICATION**

PRODUCT NAME: Prep-Stone-Ivory™, Press-Stonetm, GreyStone-XH™, Die Stone (Pink, White, Tan, Green, Colorburst® Blue), Resinous Die Stone (Blue, Green, Ivory, Salmon & Resin Ivory XH, Gingival, Pacific Blue), Dental Stone (Yellow, White & Blue), Quick-Stone, Laboratory Stone (Yellow, Blue, White). Also, Lab Stone – Slow Laboratory Plaster (Fast, Regular, Slow), Mounting Plaster, Orthodontic (Plaster, Blend, Super Stone). Fluid Base Stone (Buff, White, Blue). Presentation Stone.

CHEMICAL FAMILY: Calcium Sulfate
CHEMICAL FORMULA: CaSO₄-1/2H₂O

**SECTION 2
HAZARDOUS INGREDIENTS**

MATERIAL:	CAS #	%	TLV(mg/M3)
Plaster of Paris	7778-18-9	90 – 100	15
Inorganic Salts	mixture	0 – 10	10
water soluble resins	mixture	0 – 5	Not established

**SECTION 3
PHYSICAL DATA**

MELTING POINT : 1450oC – Decomposes
VAPOR PRESSURE: None
WATER SOLUBILITY: 0.2%
SPECIFIC GRAVITY(H₂O=1): 2.7 – 3.0
APPEARANCE AND ODOR: A fine powder, in a variety of colors.

**SECTION 4
FIRE AND EXPLOSION DATA**

FLASH POINT (METHOD USED): None
EXTINGUISHING MEDIA: Not Combustible
SPECIAL FIRE-FIGHTING PRECAUTIONS: None
FIRE AND EXPLOSION HAZARDS: None

**SECTION 5
HEALTH HAZARD INFORMATION****EFFECTS OF OVEREXPOSURE:**

EYES: Particles may cause irritation.
SKIN: May develop sufficient heat to cause burns if a large mass, such as a cast of a hand or arm, is kept in contact with skin while hardening. May dry skin.

EMERGENCY & FIRST AID PROCEDURES:

EYE CONTACT: Flush with water for 15 minutes. If irritation continues, consult a physician.
SKIN CONTACT: Wash with soap and water.
INHALATION: Remove to fresh air.
INGESTION: Material hardens when wetted, which may result in obstruction. Consult a physician.

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SECTION 6 REACTIVITY DATA

STABILITY:	Stable
INCOMPATIBILITY:	Strong acids
HAZARDOUS DECOMPOSITION PRODUCTS:	Above 1450oC - CaO & SO2
HAZARDOUS POLYMERIZATION:	Will not occur

SECTION 7 SPILL AND DISPOSAL PROCEDURES

STEPS TO BE TAKEN IF RELEASED OR SPILLED:

Sweep or vacuum material from spillage into a waste container for disposal. Avoid dusting conditions. If washed down, may plug drains. If already mixed with water, scrape up and wash down residue.

WASTE DISPOSAL METHOD:

This material may be disposed of as inert solid in a landfill or by procedures which are accepted under federal, state and local regulations.

SECTION 8 SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION: Provide general ventilation and local exhaust ventilation to meet TLV requirements. When dusty condition exists, wear an approved dust mask to guard against nuisance particles.

PROTECTIVE EQUIPMENT: Gloves or protective clothing are usually, but not necessarily desirable in specific work situations. Eye protection (goggles) may be needed to avoid particulate irritation of the eye.

SECTION 9 SPECIAL PRECAUTIONS AND COMMENTS

STORAGE & HANDLING: Be sure proper ventilation and respiratory and eye protection are used in dusty conditions. Dew point conditions or other contact with water will cause the material to harden. Keep in sealed containers.

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