

3.10.20-FM  
**Safety Data Sheet**  
 Form No. A653

**1. PRODUCT AND COMPANY IDENTIFICATION**

**Product Identity:** Orthoplaster  
 Orthostone White  
 Tecstone FL White  
 Tecstone FL  
 Purple  
 Cad-Scan (All-Colors)  
 Veri Die White Plus  
 Veri Die Cream  
 Veri Die Ivory  
 Veri Die Golden Tan  
 Veri Die EH Cream  
 Apex Pearl White  
 Apex Pastel  
 Apex Ivory  
 Apex Light Tan

**Recommended use of the chemical and restrictions on use:** For professional dental applications.

**Supplier:** Garreco, LLC  
 430 Hiram Rd.  
 Heber Spring, AR 72543  
 800-334-1443

**Emergency Phone:** For Chemical Emergency  
 Spill, Leak, Fire, or Accident  
 Call **CHEMTREC** Day or Night  
 Within USA and Canada: 1-800-424-9300 (CCN9105)  
 Outside USA and Canada: +1 703-527-3887 (collect calls accepted)

**2. HAZARDS IDENTIFICATION**

**GHS Classification:**

<b>Physical:</b>	<b>Health:</b>	<b>Environmental</b>
None	Carcinogen Category 2	None

**GHS Label Elements:**



Warning

**Statements of Hazard**

Suspected of causing cancer by inhalation.

**Precautionary Phrases**

Obtain special instructions before use.  
Do not handle until all safety precautions have been read and understood.  
Use personal protective equipment as required.  
If exposed or concerned: Get medical advice.  
Store locked up.  
Dispose of contents and container in accordance with local, state, and federal regulations.

**3. COMPOSITION/INFORMATION ON INGREDIENTS**

Component	CAS No.	Amount
Gypsum Plaster	Mixture	90-95%
Proprietary Additive	Proprietary	1-5%
Non-Hazardous Additives	Mixtures	0-5%

**4. FIRST AID MEASURES**

**Eye:** Flush eyes with water, while holding the eyelids apart. Get medical attention if irritation occurs.

**Skin:** Wash skin thoroughly with soap and water. Get medical attention if irritation develops. Remove and launder clothing before re-use.

**Ingestion:** Do not induce vomiting. Rinse mouth with water and give one glass of water to drink. Get medical attention if irritation or symptoms develop.

**Inhalation:** Remove victim to fresh air. Get medical attention if breathing difficulties develop.

**Most important Symptoms:** Dust may cause slight eye irritation. May cause abrasive skin irritation. May harden if ingested and cause stomach or intestinal blockage. Mixture with water may cause heating, which may cause thermal burns in contact with skin. Contains an ingredient that is suspected of causing cancer by inhalation.

**Indication of immediate medical attention/special treatment:** Immediate medical attention is not required.

**5. FIRE FIGHTING MEASURES**

**Suitable (and Unsuitable) Extinguishing Media:** Use extinguishing media appropriate for surrounding fire.

**Specific hazards arising from the chemical:** Product is not flammable or combustible.

**Special Protective Equipment and Precautions for Fire-Fighters:** Firefighters should wear positive pressure self-contained breathing apparatus and full protective clothing. Cool fire exposed containers with water spray.

## 6. ACCIDENTAL RELEASE MEASURES

**Personal Precautions, Protective Equipment, and Emergency Procedures:** Avoid breathing dust. Ventilate area. Avoid contact with the eyes. Avoid contact with skin and clothing. Wear appropriate protective clothing. Evacuate spill area and keep unprotected personnel away. Avoid releases to the environment.

**Methods and Materials for Containment and Cleaning Up:** Sweep up and collect into an appropriate container for disposal. Report releases as required by local, state and federal authorities.

## 7. HANDLING AND STORAGE

**Precautions for Safe Handling:** Prevent contact with the eyes. Avoid contact with skin and clothing. Avoid breathing dust. Wear protective clothing and equipment. Use only with adequate ventilation. Wash thoroughly with soap and water after handling. Keep containers closed when not in use. Wash clothing before re-use.

Do not reuse containers. Empty containers retain product residues and contaminants which can be hazardous. Follow all SDS precautions when handling empty containers.

**Conditions for Safe Storage, Including Any Incompatibilities:** Store in a cool, dry, well ventilated area away from acids. Keep container tightly closed.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### Exposure Guidelines:

Gypsum Plaster	5 mg/m <sup>3</sup> TWA OSHA PEL (Respirable Fraction) 15 mg/m <sup>3</sup> TWA OSHA PEL (Total dust)
Non-Hazardous Additives	None Established
Proprietary Additive	10 mg/m <sup>3</sup> TWA ACGIH TLV 15 mg/m <sup>3</sup> TWA OSHA PEL (Total Dust)

**Engineering Controls:** Use with adequate general or local exhaust ventilation to minimize exposures levels.

**Respiratory Protection:** In operations where exposure levels are excessive or irritation is experienced, an approved respirator with dust/mist cartridges or supplied air respirator should 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 required if contact is possible.

**Eye Protection:** Chemical safety goggles should be worn where contact is possible.

**Other:** Impervious coveralls, apron and boots are required if needed to prevent skin contact and contamination of personal clothing. A safety shower and eye wash should be available in the immediate work area.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

**Appearance and Odor:** Powder (various colors) with low to no odor.

<b>Physical State:</b> Solid.	<b>Odor Threshold:</b> Not established
<b>Vapor Density:</b> Not applicable	<b>Initial Boiling Point/Range:</b> Not available
<b>Solubility In Water:</b> Not soluble	<b>Vapor Pressure:</b> Not applicable
<b>Relative Density:</b> 2.96	<b>Evaporation Rate:</b> Not available
<b>Melting/Freezing Point:</b> 1450°C (2642°F)	<b>pH:</b> Not applicable
<b>VOC Content:</b> 0%	<b>Octanol/Water Coefficient:</b> Not available
<b>Solubility:</b> Not available	<b>Decomposition Temperature:</b> 1450°C (2642°F)
<b>Viscosity:</b> Not applicable	<b>Flammability (solid, gas):</b> Not flammable
<b>Flashpoint:</b> Not applicable	<b>Autoignition Temperature:</b> Not applicable
<b>Flammable Limits: LEL:</b> Not applicable <b>UEL:</b> Not applicable	

## 10. STABILITY AND REACTIVITY

**Reactivity:** Not normally reactive.

**Chemical Stability:** Stable.

**Possibility of Hazardous Reactions:** Will not occur under normal storage and handling conditions.

**Conditions to Avoid:** Keep away from moisture.

**Incompatible Materials:** Acids.

**Hazardous Decomposition Products:** When heated to decomposition emits calcium oxide and sulfur dioxide.

## 11. TOXICOLOGICAL INFORMATION

### HEALTH HAZARDS:

**Eye:** May cause mechanical irritation.

**Skin:** May cause mild mechanical irritation. When mixed with water, product produces heat which may cause thermal burns.

**Ingestion:** Ingestion may result in gastrointestinal or stomach blockage.

**Inhalation:** Inhalation of dust may cause respiratory irritation.

**Sensitization:** Not expected to cause sensitization.

**Chronic:** No effects expected.

**Carcinogenicity:** This product contains a Proprietary Additive which is categorized by IARC as Possibly Carcinogenic to Humans (Category 2B.) None of the other components present are listed as a carcinogen or suspected carcinogen by IARC, NTP, ACGIH, or OSHA.

**Germ Cell Mutagenicity:** None of the components of this product are suspected to cause Mutagenicity.

**Reproductive Toxicity:** None currently known for the mixture.

**Numerical Measures of Toxicity:** Gypsum Powder: Oral rat LD50 >10,000 mg/kg; Dermal Rabbit LD50 >10,000 mg/kg; Inhalation rat LC50 >5.09 ng/L/4 hr (no mortalities at highest concentration achievable)

## 12. ECOLOGICAL INFORMATION

**Ecotoxicity:**

Product is not toxic to the aquatic environment.

**Persistence and Degradability:** Not applicable for inorganic materials.

**Bioaccumulative Potential:** Not expected to bioaccumulate.

**Mobility in Soil:** No data available.

**Other Adverse Effects:** No data available.

## 13. DISPOSAL CONSIDERATIONS

Dispose in accordance with local and national environmental regulations.

## 14. TRANSPORT INFORMATION

**DOT Hazardous Materials Description:**

**Proper Shipping Name:** Not Regulated

**UN Number:** None

**Hazard Class/Packing Group:** None

**Labels Required:** None

**IMDG Shipping Name:** Not Regulated

**UN Number:** None

**IMDG Hazard Class/Packing Group:** None

**IMDG Hazard Labels Required:** None

**IATA Shipping Name:** Not Regulated

**UN Number:** None

**IATA Hazard Class/Packing Group:** None

**IATA Hazard Labels Required:** None

## 15. REGULATORY INFORMATION

**CERCLA 103 Reportable Quantity:** This product is not subject to reporting under CERCLA. Some states have more stringent reporting requirements. Report all spills in accordance with local, state and federal regulations.

**Hazard Category for Section 311/312:** Refer to Section 2 for OSHA Hazard Classification.

**Section 313 Toxic Chemicals:** This product contains the following chemicals subject to SARA Title III Section 313 Reporting requirements: None

**Section 302 Extremely Hazardous Substances (TPQ):** None

**United States TSCA:** All the components are listed or exempt.

**California Proposition 65:**



WARNING. Cancer ☐ [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)

**Canada DSL:** All the components are listed or exempt.

**16. OTHER INFORMATION**

**NFPA Rating:** Health = 0    Fire = 0    Reactivity = 0

**HMIS Rating:** Health = 0\*    Fire = 0    Reactivity = 0

**Revision Number:** 181026

**Date of current revision:** 10/26/18

**Date of previous revision:** New SDS

**Revision summary:** New SDS.

**This SDS covers the associated Raw Materials:** 820010, 8200060, 820070, 820080, 820090, 8200120, 8200132, 8200160, 8200140, 8200150, 8200065, 8200152, 8200162, 8200050, 8200025, 8200110, 8200010, 8200030, 8100075, 8200500, 8100053, 8100113, 8100560, 8100041, 8100063, 8100400, 8100510

**ABBREVIATIONS**

NA Not Applicable  
ND Not Determined  
NE Not Established  
ppm parts per million  
G Gallon  
mg Milligram  
L Liter  
gm Gram  
mol Mole  
kg Kilogram  
μ Micro  
mm Millimeter  
p Pico  
Pa Pascals  
c cento

LC Lethal Concentration  
ACGIH American Conference of Governmental  
Industrial Hygienist  
CPR Controlled Products Regulation  
DSL Canadian Domestic Substances List  
NDSL Canadian Non-domestic Substance List  
IARC International Agency for Research for  
Cancer

LD Lethal Dose  
TC Toxic Concentration  
TD Toxic Dose  
BOD Biological Oxygen Demand  
COD Chemical Oxygen Demand  
Lo Lowest  
ThOD Theoretical Oxygen Demand  
TLm Threshold Limit  
IC Inhibitory Concentration  
DOC Dissolved Organic Carbon  
H Hours  
M Months  
D Days  
Y Years  
W Weeks  
NOEL No Observed Effect Level  
NOAEL No Observed Adverse Effect Level  
OSHA Occupational Safety and Health  
Administration  
PEL Permissible Exposure Limit  
TLV Threshold Limit Value

**NOTICE**

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This Safety Data Sheet is prepared in compliance with Federal Regulations (29CFR 1910.1200.) Any applicable state and local regulations should be consulted. The above information may be based in part on information provided by component suppliers and is believed to be correct as of the date hereof. However, no warranty of merchantability, fitness for any use, or any other warranty is expressed or is to be implied regarding the accuracy of these data, the results to be obtained from the use of the material, or the hazard connected with such use. Since the information contained herein may be applied under conditions beyond our control and with which we may be unfamiliar, and since data made available subsequent to the date hereof may suggest modification of the information, we assume no responsibility for the result of its use. This information and material is furnished on the condition that the person receiving it shall make his/her own determination as to the suitability of the material for his/her particular purpose and on the condition that he/she assume the risk of his/her use thereof.