



3.10.20-FM

Safety Data Sheet

Form No. A653

1. PRODUCT AND COMPANY IDENTIFICATION

CHEMTREC 1-800-424-9300
CCN9105

Product Identity: Orthoplaster CHEMTRAC
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:

Physical:	Health:	Environmental
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 ³ TWA OSHA PEL (Respirable Fraction) 15 mg/m ³ TWA OSHA PEL (Total dust)
Non-Hazardous Additives	None Established
Proprietary Additive	10 mg/m ³ TWA ACGIH TLV 15 mg/m ³ 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.

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

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: 191124

Date of current revision: 11/24/19

Date of previous revision: 181026

Revision summary: Added CHEMTREC, phone number, and account number.

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 Product's 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.