

Dental Stones and Plasters

Material Safety Data Sheet

Section I

Manufacturer: **Garreco, Inc.**
P.O. Box 1258
Heber Springs, AR 72543

Emergency Telephone Number: CHEMTREC 800-424-9300
 Telephone Number for Information: 501-362-6261
 Date Prepared: 5/16/2011

Section II - Hazardous Ingredients/Identify Information

Hazardous Components (Specific Chemical Identity; Common Name(s)) OSHA PEL ACGIH TLV % (optional)
None

Section III - Physical/Chemical Characteristics

Boiling Point: NAIF Specific Gravity (H₂O=1): 2.7 - 3.0
 Vapor Pressure (mm Hg.): NAIF Melting Point: 1450°C
 Vapor Density (AIR=1): NAIF Evaporation Rate (Butyl Acetate =1): NAIF
 Solubility in Water: 0.20% Appearance and Odor: Powder, Low Odor

Section IV - Fire and Explosion Hazard Data

Flash Point: NAIF Flammable Limits: (LEL) N/A (UEL) N/A
 Extinguishing Media: NAIF Special Fire Fighting Procedures: None
 Unusual Fire and Explosion Hazards: None

Section V - Reactivity Data

Stability: Stable Conditions to Avoid: None
 Incompatibility: Acids Hazardous Decomposition or By-products: Above 1450°C - CaO+SO₂
 Hazardous Polymerization: Will Not Occur Conditions to Avoid: None

Section VI - Health Hazard Data

Route(s) of Entry: Inhalation? Yes Skin? No Ingestion? Yes
 Health Hazards: Acute: NAIF Chronic: NAIF
 Carcinogenicity: NTP? No IARC Monographs? No OSHA Regulated? No
 Signs and Symptoms of Exposure: NAIF
 Medical Conditions Generally Aggravated by Exposure: Pre-existing upper respiratory and lung disease.
 Emergency and First Aid Procedures
 Inhalation: Remove to fresh air *. Ingestion: Dilute by drinking water or milk. *. Skin: *. Eye: Wash with large amounts of water *. (* Obtain first aid or medical attention if needed.)

Section VII - Precautions for Safe Handling and Use

Steps to Be Taken in Case Material is Released or Spilled:
 Normal cleanup procedures, avoid dusting conditions.
 Waste Disposal Method:
 Standard landfill methods consistent with federal, state, and local laws.
 Precautions to Be Taken in Handling and Storing:
 Avoid dusting conditions.
 Other Precautions: NAIF

Section VIII - Control Measures

Respiratory Protection: OSHA approved dust mask.
 Ventilation Local Exhaust: Recommended Special: NAIF
 Mechanical (General): Vent to dust collector. Other: NAIF
 Protective Gloves: As Desired Eye Protection: Goggles Recommended
 Other Protective Clothing or Equipment: NAIF Work/Hygienic Practices: NAIF

Benco Brand Plaster		Benco Brand Stone	
4088-337	Lab Plaster Regular Set 25#	4088-435	Die Stone Green 25#
4088-346	Lab Plaster Regular Set 50#	4182-887	Fast Stone Buff 25#
4088-355	Lab Plaster Fast Set 25#	4180-138	Fast Stone Buff 50#
4088-364	Lab Plaster Fast Set 50#	4088-426	Ortho Stone 25#
4088-382	Ortho Plaster Regular Set 25#		
4088-417	Ortho Plaster Regular Set 50#		