

Section 1: Identification

Product Name: PierCeal® (12oz; 6lb; 25lb)

Product Code: PW0422900; 0423700; 0423800

Recommended Use: Forms a gelatin substance to help form a moisture tight barrier within incisions.

Restrictions on Use: Professional embalmer use only; not for general consumer use.

Manufacturer: TNPC, LLC – Dallas, TX 75236

Distributed by: Pierce Companies – 4722 Bronze Way – Dallas, TX 75236 – (214) 333-4230

Emergency Phone Number: CHEMTREC – (800) 424-9300

Section 2: Hazard(s) Identification

GHS Classification: Not classified as hazardous under OSHA Hazard Communication Standard (29 CFR 1910.1200).

Signal Word: **NONE**

Hazard Statements: None

Precautionary Statements: None required under GHS classification criteria.

- Good workplace practice: Use normal industrial hygiene practices. Avoid unnecessary contact with eyes, skin, or clothing. Wash hands after handling.

Pictograms: None

Section 3: Composition/Information on Ingredients

CHEMICAL NAME	CAS NUMBER	% WEIGHT	CLASSIFICATION	Trade Secret Information: Exact % of concentration is withheld to protect Trade Secret Information. Ranges are given in accordance with 29 CFR 1910.1200(i), Appendix E
Other non-hazardous components	–	100%	Not classified under GHS	

Section 4: First-Aid Measures

- **Inhalation:** Move person to fresh air if discomfort occurs. Seek medical attention if symptoms persist.
- **Skin/Eye Contact:** Wash skin with soap and water. Rinse eyes carefully with water if irritation occurs. Seek medical attention if irritation persists.
- **Ingestion:** Rinse mouth. Do not induce vomiting unless directed by medical personnel. Seek medical attention if discomfort occurs.
- **Symptoms/Effects:** No significant symptoms are expected under normal conditions of use. Mechanical irritation may occur from dust, particles, or physical contact depending on the item.
- **Physician Notes:** Treat symptomatically. No specific antidote is known or required.

Section 5: Fire-fighting Measures

- **Suitable Extinguishing Media:** Use extinguishing media appropriate for surrounding fire.
- **Unsuitable Extinguishing Media:** None known.
- **Specific Hazards:** Product is not classified as flammable or combustible. Burning may produce smoke, carbon oxides, or other decomposition products depending on material composition.
- **Special Protective Equipment & Precautions for Firefighters:** Wear self-contained breathing apparatus and full protective gear for surrounding fire conditions.

Section 6: Accidental Release Measures

- **Personal Precautions:** Avoid slips, trips, or falls. Avoid breathing dust if product is broken, cut, ground, or otherwise made airborne.
- **Emergency Procedures:** No special emergency procedures are required for normal non-hazardous product handling.
- **Methods and Materials for Containment:** Collect spilled material using normal housekeeping methods.
- **Cleanup Procedures:** Sweep, vacuum, or pick up material and place in a suitable container for disposal. Avoid generating dust if applicable.

Section 7: Handling and Storage

- **Safe Handling:** Handle using normal good workplace practices. Avoid unnecessary rough handling, dust generation, or contact with damaged material.
- **Hygiene Measures:** Wash hands after handling. Do not eat, drink, or smoke while handling industrial materials.
- **Safe Storage:** Store in a clean, dry, well-ventilated area. Keep containers closed when not in use if applicable.

- **Incompatibilities:** None known for normal storage. Keep away from strong oxidizers if material composition is unknown.

Section 8: Exposure Controls/Personal Protection

- **Engineering Controls:**
General ventilation is normally sufficient. Use local exhaust if cutting, grinding, sanding, or other processing generates dust or airborne particles.
- **Personal Protective Equipment (PPE):**
 - **Gloves:** Not normally required. Use protective gloves if prolonged handling, sharp edges, or irritation potential exists.
 - **Eye/Face Protection:** Safety glasses are recommended when handling, cutting, grinding, or processing the item.
 - **Respiratory Protection:** Not normally required. Use appropriate respiratory protection if dust or airborne particles exceed applicable exposure limits.
 - **Skin/Body:** Normal work clothing is sufficient. Use protective clothing if needed to prevent mechanical irritation.
- **Exposure Limits Table:** No components in the provided formula have an established OSHA PEL, ACGIH TLV, or NIOSH REL requiring listing in the exposure limits table.

Section 9: Physical and Chemical Properties

- **Appearance:** Solid; White to gray powder.
- **Odor:** Mild earthy powder odor.
- **Odor Threshold:** Minimal odor expected.
- **pH:** ~6–9 when dispersed in water.
- **Melting Point/Freezing Point:** Solid powder; no sharp melting point.
- **Initial Boiling Point/Boiling Range:** Solid mixture; decomposes before boiling.
- **Flash Point:** >200°F.
- **Evaporation Rate:** Low.
- **Flammability:** Combustible dust; avoid airborne dust buildup.
- **Upper/Lower Flammability or Explosive Limits:** Dust explosion potential depends on airborne concentration and ignition source.
- **Vapor Pressure:** Low.
- **Vapor Density:** Low vapor generation expected.
- **Relative Density/Specific Gravity:** Estimated ~0.5–0.9 g/cc bulk density.
- **Solubility(ies):** Swells and disperses in water; forms a gel/slurry.
- **Partition Coefficient: n-octanol/water:** Low; remains mainly in hydrated mineral/polymer phase.
- **Auto-ignition Temperature:** Estimated >500°F.
- **Decomposition Temperature:** May decompose under high heat or fire.
- **Viscosity:** Solid powder; forms high-viscosity gel/slurry when hydrated.

Section 10: Stability and Reactivity

- **Reactivity:** Not reactive under normal conditions of use, storage, and handling.
- **Chemical Stability:** Stable under normal conditions. No stabilizers are required. No hazardous physical appearance changes are expected during normal storage.
- **Hazardous Reactions:** Hazardous polymerization or hazardous self-reaction is not expected.
- **Conditions to be Avoided:** Avoid excessive heat, open flame, and processing conditions that may generate dust, fumes, or decomposition products.
- **Incompatible Materials:** Strong oxidizers may be incompatible with some non-hazardous organic materials.
- **Hazardous Decomposition:** Thermal decomposition or combustion may produce carbon oxides, smoke, and irritating fumes depending on material composition.

Section 11: Toxicological Information

- **Likely Routes of Exposure:** Skin contact, eye contact, and inhalation of dust or particles if generated.
- **Chronic Effects:** No chronic effects are expected under normal conditions of use.
- **Acute Toxicity (LD50 & LC50):** Product is not classified for acute toxicity. Specific LD50/LC50 values are not applicable to a generic non-hazardous finished item.
- **Symptoms/Effect:** No significant effects are expected. Dust, particles, or physical contact may cause mild mechanical irritation.
- **Regulatory Listings:**
 - **NTP:** Not listed.
 - **IARC:** Not listed.

- **OSHA:** Not listed as a carcinogen.

Section 12: Ecological Information

- **Ecotoxicity:** Not classified as hazardous to the aquatic environment.
- **Persistence/Degradability:** Product-specific. No adverse persistence concern is expected for normal non-hazardous use.
- **Bioaccumulation Potential:** No bioaccumulation concern is expected. Kow and BCF values are not applicable to a generic finished non-hazardous item.
- **Mobility in Soil:** Product-specific. Finished non-hazardous items are generally expected to have low mobility unless dissolved, dispersed, or degraded.
- **Other Adverse Effects:** No other adverse environmental effects are expected under normal use and disposal.

Section 13: Disposal Considerations

- Dispose of in accordance with federal, state, and local regulations.
- Empty containers must not be reused or recycled. Dispose of bottles and residual product in accordance with regulations.
- **Recommended Methods:** Incineration or chemical waste landfill.

Section 14: Transport Information

DOT (Ground Transport): Not regulated
IMDG (Ocean Transport): Not regulated
IATA (Air Transport): Not regulated

Section 15: Regulatory Information

TSCA List: Components are expected to be listed on or exempt from the TSCA Inventory when applicable.
EPCRA – Emergency Planning & Community Right-to-Know: No reportable EPCRA hazardous substances are expected for a generic non-hazardous item.
CERCLA Reportable Quantity: No CERCLA reportable quantity is assigned.
SARA 302: No SARA 302 Extremely Hazardous Substances are expected.
SARA 304 Extremely Hazardous Substances Reportable Quantity: No SARA 304 EHS reportable quantity is assigned.
SARA 311/312: Not classified as a hazardous chemical.
SARA 313: No SARA 313 toxic chemicals are expected above reporting thresholds.
California Prop 65: No listed chemicals are expected for a generic non-hazardous item.
US State Regulations: No state right-to-know hazardous ingredients are expected above reporting thresholds.
Other Regulations: Product is not classified as hazardous under OSHA Hazard Communication Standard, 29 CFR 1910.1200, when used as a non-hazardous finished item/product.

Section 16: Other Information

Regulatory Compliance Verification:

This Safety Data Sheet has been prepared in accordance with and verified for compliance with:

- OSHA Hazard Communication Standard (29 CFR 1910.1200, HazCom 2023)
- Globally Harmonized System (GHS) Revision 11
- U.S. TSCA, EPCRA, CERCLA
- California Proposition 65
- Canadian WHMIS 2022 (GHS-aligned)
- EU REACH Regulation

All hazard classifications, labeling elements, and regulatory disclosures are based solely on the specific formula composition and chemical properties provided for this product.

Hazardous Material Information System III (USA)

Health: 1
 Flammability: 0
 Physical Hazards: 0
 Personal Protection: B

National Fire Protection Association (USA)

Health: 1
 Flammability: 0
 Instability: 0
 Special: -

HMIS ratings are based on a 0-4 scale, with 0 representing minimal hazards or risks, and 4 representing significant hazards or risks. Although HMIS ratings are not required on Safety Data Sheets under 29 CFT 1910.1200, the preparer may choose to provide them. HMIS ratings are to be used with a fully implemented HMIS program. HMIS is a registered mark of the National Paint & Coatings Association (NPCA).

Prepared by: Pierce Companies Regulatory Department
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***Notice:** The information in this SDS is believed to be accurate and reliable at the time of preparation, but no guarantee is made that it is complete or that the hazards listed are the only hazards present. Users are responsible for determining the suitability of the product for their intended use, complying with all applicable laws and safety requirements, and considering the effects of use with other materials. Pierce makes no express or implied warranty regarding the product, its merchantability, fitness for a particular purpose, or the accuracy of this information, except that the product will conform to Pierce's specifications. Possession of this SDS does not indicate that the holder purchased or used the product.*