



SAFETY DATA SHEET

Section 1 – Product and Company Identification

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Trade Name: Sealit
Product Type: Embalming Chemical

Product Code: 20016

Revision Date: Mar-15

Section 2 – Hazards Identification

Form: Powder **Odor:** None

Emergency Overview: WARNING! MAY FORM COMBUSTIBLE DUST-AIR MIXTURES.

Potential Health Effects:

Exposure routes: Inhalation, Skin contact, Eye contact, Ingestion

Eye Contact: Dust can cause eye irritation. Symptoms include stinging, tearing, redness, and swelling of eyes.

Skin Contact: Unlikely to cause skin irritation or injury.

Ingestion: Swallowing small amounts of this material during normal handling is not likely to cause harmful effects. Swallowing large amounts may be harmful.

Inhalation: This material is a dust or may produce dust. Prolonged or repeated breathing of this material may result in chronic bronchitis (inflammation of the airways of the lungs). Symptoms include coughing and shortness of breath. Symptoms are not expected at air concentrations below the recommended exposure limits, if applicable (see Section 8).

Aggravated Medical Condition

Pre-existing disorders of the following organs (or organ systems) may be aggravated by exposure to this material: lung (for example, asthma-like conditions).

Symptoms: Signs and symptoms of exposure to this material through breathing, swallowing, and/or passage of the material through the skin may include: irritation (nose, throat, airways).

Target Organs: No Data

Carcinogenicity: Based on available information, this material cannot be classified with regard to carcinogenicity. This material is not listed as a carcinogen by the International Agency for Research on Cancer (IARC), the National Toxicology Program (NTP), or the Occupational Safety and Health Administration (OSHA).

Reproductive Hazard: There are no data available for assessing risk to the fetus from maternal exposure to this material.

Section 3 – Composition/Information on Ingredients

This product is considered hazardous according to the OSHA Hazard Communications Standard 29CFR1910.1200 due to flammable dust potential.

Section 4 – First Aid Measures

Eye contact: If symptoms develop, move individual away from exposure and into fresh air. Flush eyes gently with water while holding eyelids apart. If symptoms persist or there is any visual difficulty, see medical attention.

Skin contact First aid is not normally required. However, it is recommended that exposed areas be cleaned by washing with soap and water.

Inhalation If symptoms develop, move individual away from exposure and into fresh air. If symptoms persist, seek medical attention. If breathing is difficult, administer oxygen. Keep person warm and quiet; seek immediate medical attention.

Ingestion Seek medical attention. If individual is drowsy or unconscious, do not give anything by mouth; place individual on the left side with head down. Contact a physician, medical facility, or poison control center for advice about whether to induce vomiting. If possible, do not leave individual unattended.

Notes to physician **Hazards:** No information available.
Treatment: No information available.

Section 5 – Fire-fighting measures

Extinguishing media

Suitable Water spray

Hazardous combustion products: Carbon dioxide, and carbon monoxide.

Precautions for fire-fighting: Organic dusts at sufficient concentration can form explosive mixtures in air. Wear full fire-fighting turnout gear (full Bunker gear), and respiratory protection (SCBA). Use water spray to cool fire exposed containers and structures until fire is out if it can be done with minimal risk. Avoid spreading burning material with water used for cooling purposes.

Section 6 – Accidental Release Measures

Personal precautions For personal protection see section 8. Persons not wearing protective equipment should be excluded from area of spill until clean-up has been completed. Avoid breathing dust.

Environmental Precautions Do not flush into surface water or sanitary sewer system.

Methods for cleaning up

Sweep up or vacuum up spillage and collect in suitable container for disposal. Pick up and arrange disposal without creating dust.

Other Information Comply with all applicable federal, state and local regulations.

Section 7 – Handling & Storage

Handling Maintain good housekeeping. Do not permit dust layers to accumulate, for example, on floors, ledges, and equipment, in order to avoid any potential for dust explosion hazards. For further guidance on prevention of dust explosions, refer to National Fire Protection Association (NFPA) 654: "Standard for the Prevention of Fire and Dust Explosions, from the Manufacturing, Processing and Handling of Combustible Particulate Solids".

Storage Store in a cool, dry, ventilated area. Keep from freezing.

Section 8 – Exposure Control/Personal Protection

Exposure Guidelines

General advice: These recommendations provide general guidance for the handling of this product. Personal protective equipment should be selected for individual applications and should consider factors which affect exposure potential, such as handling practices, chemical concentrations and ventilation. It is ultimately the responsibility of the employer to follow regulatory guidelines established by local authorities.

Avoid breathing dust.

Exposure controls: Provide sufficient mechanical (general and/or local exhaust) ventilation to maintain exposure below exposure guidelines (if applicable) or below levels that cause known, suspected or apparent adverse effects. For exposures to dust, utilize the exposure limits for Particulates (insoluble) Not Otherwise Classified (PNOC). ACGIH TWA – 10 mg/m³ inhalation fraction, 3 mg/m³ respirable fraction. OSHA PEL 15 mg/m³ total dust, 5 mg/m³ respirable fraction.

Eye protection: Wear safety glasses or chemical splash goggles when dust exposure is possible.

Skin & body protection: Wear normal work clothing including long pants, long-sleeved shirts and foot covering to prevent direct contact of the product with the skin. Launder clothing before reuse. If skin irritation develops, contact your facility health and safety professional or your local safety equipment supplier to determine the proper personal protective equipment for your use. Wear resistant gloves (consult you safety equipment supplier).

Respiratory protection: A NIOSH-approved air-purifying respirator with an appropriate cartridge and/or filter may be permissible under certain circumstances where airborne concentrations are expected to exceed exposure limits (if applicable) or if overexposure has otherwise been determined. Protection provided by air-purifying respirators is limited. Use a positive pressure, air-supplied respirator if there is any potential for uncontrolled release, exposure levels are not known or any other circumstances where an air-purifying respirator may not provide adequate protection.

Section 9 – Physical & Chemical Properties

Physical state	solid
Form	granules, powder
Colour	off-white
Odour	Odourless
Flash point	not applicable
Ignition temperature	260.00 °C
Boiling point	no data available
Relative density	1.59 g/cm ³
Vapour pressure	no data available
Water solubility	soluble, limited by viscosity

Section 10 – Stability & Reactivity

Stability	Stable. Product will not undergo hazardous polymerization.
Conditions to avoid	Keep away from heat, flame, sparks and other ignition sources. Exposure to sunlight, UV light, exposure to moisture.
Materials to avoid	Acids, Bases, Oxidizing agents.
Hazardous Decomposition Products	carbon dioxide, and carbon monoxide.
Thermal decomposition:	No Data

Section 11- Toxicological Information

Acute toxicity

LD50 Oral	Rat	2,000 mg/kg
LC50 Inhalation	Rat	5,800 mg/l
LD50 Dermal	Rabbit	2,000 mg/kg

Section 12 – Ecological Information

Elimination information (persistence and degradability)

Biodegradability: Slowly biodegradable

Aquatic Eco toxicity

Fresh water 96h static test LC 50:>100.00 mg/L Rainbow trout,
Fresh water 96h static test LC 50:>100.00 mg/L Bluegill

Section 13 – Disposal Considerations

Waste disposal The generation of waste should be avoided or minimized wherever possible. Disposal of surplus and non-recyclable products via a licensed waste disposal contractor. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.

Section 14 – Transportation Information

The data in this section is for information only and may not be specific to your package size or mode of transport. You will need to apply the appropriate regulation to properly classify your shipment.

International transport regulations

Regulatory Information	UN/NA number	Proper shipping name	Classes/*PG	Reportable Quantity (RQ)
CFR		Not dangerous goods		
TDG		Not dangerous goods		
IMO/IMDG		Not dangerous goods		
IATA(Cargo)		Not dangerous goods		

Section 15 – Regulatory Information

US regulations

U.S. Federal regulations SARA 311/312 Classification Fire hazard

State regulations

California Prop. 65: This product does not contain any chemicals known to the State of California to cause cancer, birth defects, or any other reproductive harm.

International regulations

Chemical Inventories
Australia inventory (AICS), y (positive listing)
Canada inventory, y (positive listing)
Europe inventory, y (positive listing)
Japan inventory, y (positive listing)
Korea inventory, y (positive listing)or exempted
New Zealand inventory (NZIoC), y (positive listing)
United States inventory, (TSCA 8b), y (positive listing)

	HMIS	NFPA
Health	0	0
Flammability	1	1
Physical hazards	0	
Instability		0
Specific Hazard	--	--

Section 16 – Other Information

The information accumulated herein is believed to be accurate but is not warranted to be whether origination with the company or not. Recipients are advised to confirm in advance of need that the information is current, applicable, and suitable to their circumstances. This MSDS has been prepared by The Embalmers' Supply Company. (1-800-243-6104)