

Material Safety Data Sheet

May be used to comply with OSHA's Hazard Communication Standard, 29 CFR 1910 1200. Standard must be consulted for specific requirements.

U.S. Department of Labor

Occupational Safety and Health Administration
(Non-Mandatory Form)
Form Approved
OMB No. 1218-0072

IDENTITY (as Used on Label and List) Pumpkin Embalmer		<i>Note: Blank spaces are not permitted. If any item is not applicable or no information is available, the space must be marked to indicate that.</i>	
Section I			
Manufacturer Frey Innovations, LLC	Emergency Telephone Number 734-717-7874	<u>HMIS RATING</u>	
Address 3955 Mayfair Street Dearborn Heights, MI 48125	Telephone Number for Information 208-567-8158	Health - 2	
	Date Prepared 13 MAR2009	Flammability - 0	
	Signature of Preparer (optional)	Physical Hazards - 0 Protective Equip - E	
Section II—Hazardous Ingredients/Identity Information			
Hazardous Components (Specific Chemical Identity, Common Name(s))		OSHA PEL	ACGIH TLV
Proprietary Information (Trade Secret)		5 mg/m ³	5 mg/m ³
Other Limits Recommended % (optional)			
Personal protection equipment is not required when handling product in retail packages as directed. Personal protection equipment is recommended only when handling product in <u>bulk</u> .			
Section III—Physical/Chemical Characteristics			
Boiling Point	5162 °F	Specific Gravity (H ₂ O = 1)	2.2
Vapor Pressure (mm Hg)	NA	Melting Point	1076 °F
Vapor Density (AIR = 1)	NA	Evaporation Rate (Butyl Acetate = 1)	NA
Solubility in Water	0.185% @ 0°C; 0.077% @ 100 °C		
Appearance and Odor	Odorless; White as a dry powder, wet slurry, or paste		
Section IV—Fire and Explosion Hazard Data			
Flash Point (Method Used)	NA	Flammable Limits	NA
Extinguishing Media	NA		
Special Fire Fighting Procedures	NA		
Unusual Fire and Explosion Hazards	NA		
Section V—Reactivity Data			
Stability	Unstable		Conditions to Avoid NA
	Stable	X	
Incompatibility (Materials to Avoid)	Acids, Inter-halogens, Phosphorus (V) Oxide		
Hazardous Decomposition or Byproducts	None		
Hazardous Polymerization	May Occur		Conditions to Avoid NA
	Will Not Occur	X	

Section VI—Health Hazard Data			
Route(s) of Entry	Inhalation?	Yes	Skin? Yes
Ingestion? Yes			
Health Hazards (<i>Acute and Chronic</i>)			
Prolonged contact may irritate skin – especially in the presence of moisture. Inhalation of dust may irritate mucous membranes or respiratory passages. Direct eye contact may cause permanent damage. Long term exposure may cause irritation.			
Carcinogenicity	NTP?	No	IARC Monographs? No
OSHA Regulated? No			
Signs and Symptoms of Exposure			
Irritation of eyes, respiratory tract, or red “sun burn” like skin.			
Medical Conditions			
Generally Aggravated by Exposure			
Irritation of eyes, respiratory tract, or red “sun burn” like skin.			
Emergency and First Aid Procedures			
Provide fresh air. Wash off dust with soap and water. Drink plenty of water if swallowed. Flush eyes with water immediately and contact physician.			
Section VII—Precautions for Safe Handling and Use			
Steps to Be Taken in Case Material Is Released or Spilled			
Normal clean-up procedures. Care should be taken to avoid causing dust to become airborne. Vacuum cleaning systems are recommended.			
Waste Disposal Method			
Dispose of product in accordance with Federal, State and Local regulations. See Section IX Guidance.			
Precautions to Be Taken in Handling and Storing			
Store away from water and acids			
Other Precautions			
None			
Section VIII—Control Measures			
Respiratory Protection (<i>Specify Type</i>)			
Dust filter masks are recommended for personal comfort or protection when handling product in <u>bulk</u> .			
Ventilation	Local Exhaust - To maintain TLV's and PEL's		Special - None
	Mechanical - To maintain TLV's and PEL's		Other - None
Protective Gloves		Eye Protection	
Cloth/leather gloves when handling dry product in <u>bulk</u> . Rubber gloves if wet or damp.		Shielded glasses and/or/fitted goggles around <u>bulk</u> quantities of product to reduce eye injury. Wearing of contact lenses may impede first aid.	
Other Protective Clothing or Equipment			
Wear long sleeve shirts and pants to minimize skin contact with product when handling in <u>bulk</u> .			
Work/Hygienic Practices			
Maintain dust exposure limits below TLV's and PEL's. Whenever necessary wear respiratory protection. Air blowers are effective for dedusting skin and clothing.			
Section IX — Regulatory Compliance Guidance			
CONEG	Material used to manufacture packaging containing products are CONEG compliant.		
CWA	Product contains alkaline material potentially toxic to aquatic life if concentration is elevated for extended periods of time. Minimize bulk contact with storm water runoff.		
DOT	Product is not regulated by U.S. Dept of Transportation.		
EPA	Bulk waste derived from unused products is not subject to RCRA. Waste is acceptable at most landfills as a “special waste” but can often be beneficially reused for other purposes.		
SPILL	Whenever possible, contain and sweep up spillage in dry form rather than flushing with water. Fire may occur in containers if damp product is placed in direct contact with combustible materials.		
NAFTA	Product qualifies under HS Tariff No 2522.20 or 2825.90 as 100% US Origin, Preference Criteria A.		