



Product Name: MICO-TEX EMBALMING POWDER

Section 1 - PRODUCT AND COMPANY IDENTIFICATION

Material Name

MICO-TEX EMBALMING POWDER

Synonyms

MICO-TEX EMBALMING POWDER

Product Use

Embalming Powder.

Restrictions on Use

This product should only be used by Licensed Embalmers

Details of the supplier of the safety data sheet

Dr. G.H. Michel - Restor-Skin Company
PO Box 337
202 Sixth Street
East Brady, PA 16028
Phone: 1-800-635-3403
Emergency Phone #: 1-724-526-3565
E-mail: fourcogs16028@yahoo.com

Product Code

Product Size(s): 1# & 2# Bottles and 25# (3-gal pail) & 403 (5-gal pail)

Section 2 - HAZARDS IDENTIFICATION

Classification in accordance with paragraph (d) of 29 CFR 1910.1200.

- Combustible Dust.
- Acute Toxicity - Oral - Category 4
- Acute Toxicity - Inhalation - Dust/Mist - Category 4
- Skin Corrosion/Irritation - Category 2
- Serious Eye Damage/Eye Irritation - Category 1
- Respiratory Sensitization - Category 1A
- Skin Sensitization - Category 1A
- Carcinogenicity - Category 1A
- Specific Target Organ Toxicity - Single Exposure - Category 1 (lungs, blood, eyes, respiratory system)
- Specific Target Organ Toxicity - Repeated Exposure - Category 1 (blood, eyes, nose, respiratory system, hematopoietic system, liver)
- Hazardous to the Aquatic Environment - Acute - Category 3
- Hazardous to the Aquatic Environment - Chronic - Category 3

GHS Label Elements Symbol(s)



Signal Word

None needed according to classification criteria

Hazard Statement(s)

Harmful if swallowed.

Harmful if inhaled.

Causes skin irritation.

Causes serious eye damage.

May cause allergic or asthmatic symptoms or breathing difficulties if inhaled.

May cause allergic skin reaction.

May cause cancer.

Causes damage to organs. (lungs, blood, eyes, respiratory system)

Causes damage to organs through prolonged or repeated exposure. (blood, eyes, nose, respiratory system, hematopoietic system, liver)

Harmful to aquatic life with long lasting effects.

Precautionary Statement(s) Prevention

Obtain special instructions before use.

Do not handle until all safety precautions have been read and understood.

Use only outdoors or in a well-ventilated area.

Wear protective gloves/protective clothing/eye protection/face protection.

Do not breathe dust/fume/gas/mist/vapors/spray.

Wear respiratory protection.

Wash thoroughly after handling.

Contaminated work clothing must not be allowed out of the workplace.

Do not eat, drink or smoke when using this product.

Avoid release to the environment.

Response

Immediately call a POISON CENTER or doctor.

IF INHALED: Remove person to fresh air and keep comfortable for breathing.

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

IF ON SKIN: Wash with plenty of soap and water.

Take off contaminated clothing and wash before reuse.

If skin irritation or rash occurs: Get medical advice/attention. Rinse mouth.

Storage

None needed according to classification criteria.

Disposal

Dispose of in accordance with all applicable federal, state and local regulations.

Statement of Unknown Toxicity

100% of the mixture consists of ingredient(s) of unknown acute toxicity.

Other Hazards

Dust-air mixtures may pose a dust explosion hazard.

Section 3 - COMPOSITION / INFORMATION ON INGREDIENTS		
CAS	Component Name	Percent
30525-89-4	Paraformaldehyde	10-30
Not available	trade secret	0.5-5
10034-76-1	Calcium sulfate hemihydrate	>77
14808-60-7	Quartz	<0.5

Component Related Regulatory Information

The chemical identity and/or percentage of composition is being withheld as a trade secret.

Section 4 - FIRST AID MEASURES

Inhalation

IF INHALED: Remove person to fresh air and keep comfortable for breathing. If breathing is difficult, oxygen should be administered by qualified personnel. Get medical attention, if needed.

Skin

IF ON SKIN: Wash with plenty of soap and water. Take off contaminated clothing and wash before reuse. If skin irritation or rash occurs: Get medical advice/attention.

Eyes

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists, get medical advice/attention.

Ingestion

IF SWALLOWED: Immediately call a doctor.

Most Important Symptoms/Effects Acute

Harmful by inhalation and if swallowed. Causes skin irritation. Causes serious eye damage. May cause allergic skin reaction. May cause allergic or asthmatic symptoms or breathing difficulties if inhaled. Causes damage to organs: lungs, blood, eyes, respiratory system.

Delayed

May cause allergic reaction. May cause cancer. Causes damage to organs through prolonged or repeated exposure: blood, eyes, nose, respiratory system, hematopoietic system, liver

Indication of any immediate medical attention and special treatment needed

Treat symptomatically and supportively.

Section 5 - FIRE FIGHTING MEASURES

Extinguishing Media Suitable Extinguishing Media

Carbon dioxide, regular foam, dry chemical, water.

Unsuitable Extinguishing Media

Do not use water jet.

Special Hazards Arising from the Chemical

Slight fire hazard.

Hazardous Combustion Products

Oxides of carbon, formaldehyde vapors.

Fire Fighting Measures

Avoid generating dust; fine dust dispersed in air in sufficient concentrations, and in the presence of an ignition source is a potential dust explosion hazard. Use methods suitable to fight surrounding fire. Move container from fire area if it can be done without risk. Cool containers with water spray until well after the fire is out. Fight fire from maximum distance or use unmanned hose holders or monitor nozzles. Avoid inhalation of material or combustion by-products.

Special Protective Equipment and Precautions for Firefighters

Wear personal protective clothing and equipment such as self-contained breathing apparatus (SCBA) for protection against possible exposure.

Section 6 - ACCIDENTAL RELEASE MEASURES

Personal Precautions, Protective Equipment and Emergency Procedures

Wear personal protective clothing and equipment, see Section 8.

Methods and Materials for Containment and Cleaning Up

Dust deposits should not be allowed to accumulate on surfaces, as these may form an explosive mixture if they are released into the atmosphere in sufficient concentration. Remove all ignition sources. Stop leak if you can do it without risk. Absorb spill with inert material.

Shovel material into appropriate container for disposal. Do not touch or walk through spilled product. Avoid breathing vapors or fumes. Avoid release to the environment.

Environmental Precautions

Avoid release to the environment.

Section 7 - HANDLING AND STORAGE

Precautions for Safe Handling

Keep away from heat, sparks, and flames. Avoid generating dust or fumes. Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Use only outdoors or in a well-ventilated area. Wear protective gloves/protective clothing and eye/face protection. Do not breathe dust/fume/gas/mist/vapors/spray. Wear eye protection/face protection. Wash thoroughly after handling. Contaminated work clothing must not be allowed out of the workplace. Do not eat, drink or smoke when using this product. Avoid significant deposits of material, especially on horizontal surfaces, which may become airborne and form combustible dust clouds and may contribute to secondary explosions.

Conditions for Safe Storage, Including any Incompatibilities

None needed according to classification criteria

Keep away from heat, sparks and flame. Keep away from incompatible materials.

Incompatible Materials

Caustic soda, strong acid, soda ash, other alkalis, amines, oxygen, hydrogen peroxide, other strong oxidizing agents.

Section 8 - EXPOSURE CONTROLS / PERSONAL PROTECTION

Component Exposure Limits

Trade secret	Not available
ACGIH:	10 ppm TWA
	Skin - potential significant contribution to overall exposure by the cutaneous route
NIOSH:	10 ppm TWA ; 50 mg/m3 TWA
	15 ppm STEL ; 75 mg/m3 STEL
	250 ppm IDLH
Europe:	10 ppm TWA ; 50 mg/m3 TWA
OSHA (US):	10 ppm TWA ; 50 mg/m3 TWA
Mexico:	10 ppm TWA LMPE-PPT ; 50 mg/m3 TWA LMPE-PPT
	15 ppm STEL [LMPE-CT] ; 75 mg/m3 STEL [LMPE-CT]
Calcium sulfate hemihydrate	10034-76-1
ACGIH:	10 mg/m3 TWA inhalable fraction
Quartz	14808-60-7
ACGIH:	0.025 mg/m3 TWA respirable fraction
NIOSH:	0.05 mg/m3 TWA respirable dust
	50 mg/m3 IDLH respirable dust
OSHA (US):	((30)/(%SiO2 + 2) mg/m3 TWA) total dust ; ((250)/(%SiO2 + 5) mppcf TWA) respirable fraction ; ((10)/(%SiO2 + 2) mg/m3 TWA) respirable fraction
Mexico:	0.1 mg/m3 TWA LMPE-PPT respirable fraction

EU - Occupational Exposure (98/24/EC) - Binding Biological Limit Values and Health Surveillance Measures

There are no biological limit values for any of this product's components.

ACGIH - Threshold Limit Values - Biological Exposure Indices (BEI) trade secret (Not available)

Time: end of shift Parameter: 1-Naphthol with hydrolysis plus 2-Naphthol with hydrolysis (nonquantitative, nonspecific)

Engineering Controls

Provide adequate local exhaust ventilation to maintain worker exposure below exposure limits. It is recommended that all dust control equipment such as local exhaust ventilation and material transport systems involved in handling of these product contain explosion relief vents or an explosion suppression system or an oxygen-deficient environment.

Individual Protection Measures, such as Personal Protective Equipment

Eye/face protection

Wear chemical safety goggles with a face shield to protect against skin and eye contact when appropriate.

Skin Protection

Wear appropriate work clothing.

Respiratory Protection

Wear respiratory protection.

Glove Recommendations

Wear gloves appropriate for type of operation.

Section 9 - PHYSICAL AND CHEMICAL PROPERTIES			
Appearance	Off-White Powder.	Physical State	solid
Odor	pungent	Color	off-white.
Odor Threshold	Not available	pH	Not available
Melting Point	Not available	Boiling Point	Not available
Boiling Point Range	Not available	Freezing point	Not available
Evaporation Rate	Not available	Flammability (solid, gas)	Not available
Autoignition Temperature	Not available	Flash Point	Not available
Lower Explosive Limit	Not available	Decomposition temperature	Not available
Upper Explosive Limit	Not available	Vapor Pressure	Not available
Vapor Density (air=1)	Not available	Specific Gravity (water=1)	Not available
Water Solubility	Not available	Partition coefficient: noctanol/water	Not available
Viscosity	Not available	Solubility (Other)	Not available
Density	Not available	Molecular Weight	Not available

Other Information

No additional information is available.

Section 10 - STABILITY AND REACTIVITY

Reactivity

No reactivity hazard is expected.

Chemical Stability

Stable under normal temperatures and pressures.

Possibility of Hazardous Reactions

Hazardous polymerization is not expected to occur.

Conditions to Avoid

Avoid dust formation. Avoid sparks or flame and incompatible materials. Keep away from incompatible materials.

Incompatible Materials

Caustic soda, strong acid, soda ash, other alkalis, amines, oxygen, Hydrogen peroxide, other strong oxidizing agents.

Hazardous decomposition products

Oxides of carbon, formaldehyde vapors.

Thermal decomposition products

Oxides of carbon, formaldehyde vapors.

Section 11 - TOXICOLOGICAL INFORMATION

Information on Likely Routes of Exposure**Inhalation**

Harmful if inhaled. May cause allergic or asthmatic symptoms or breathing difficulties if inhaled.

Skin Contact

Causes skin irritation. Causes an allergic skin reaction.

Eye Contact

Causes serious eye damage.

Ingestion

Harmful if swallowed.

Acute and Chronic Toxicity Component Analysis - LD50/LC50

The components of this material have been reviewed in various sources and the following selected endpoints are published:

Paraformaldehyde (30525-89-4)

Oral LD50 Rat 800 mg/kg

Inhalation LC50 Rat 1070 mg/m³ 4 h

trade secret (Not available)

Oral LD50 Rat 1110 mg/kg

Quartz (14808-60-7)

Oral LD50 Rat 500 mg/kg

Immediate Effects

Harmful by inhalation and if swallowed. Causes skin irritation. Causes serious eye damage. May cause allergic or asthmatic symptoms or breathing difficulties if inhaled. May cause allergic skin reaction.

Causes damage to organs: lungs, blood, eyes, respiratory system

Delayed Effects

May cause allergic reaction. Suspected of causing cancer. Causes damage to organs through prolonged or repeated exposure: blood, eyes, nose, respiratory system, hematopoietic system, liver Irritation/**Corrosivity**

Data

Causes skin irritation. Causes serious eye damage.

Respiratory Sensitization

May cause allergic or asthmatic symptoms or breathing difficulties if inhaled.

Dermal Sensitization

May cause allergic skin reaction.

Component Carcinogenicity

May cause cancer.

Trade Secret	Not available
ACGIH:	A3 - Confirmed Animal Carcinogen with Unknown Relevance to Humans
IARC:	Monograph 82 [2002] (Group 2B (possibly carcinogenic to humans))
NTP:	Reasonably Anticipated To Be A Human Carcinogen

DFG:	Category 2 (considered to be carcinogenic for man)
OSHA:	Present
Quartz	14808-60-7
ACGIH:	A2 - Suspected Human Carcinogen
IARC:	Monograph 100C [2012] ; Monograph 68 [1997] (Group 1 (carcinogenic to humans))
NTP:	Known Human Carcinogen
DFG:	Category 1 (causes cancer in man, alveola fraction)
OSHA:	Present (respirable size)
NIOSH:	potential occupational carcinogen

Germ Cell Mutagenicity

No information available.

Tumorigenic Data

No information available.

Reproductive Toxicity

No information available.

Specific Target Organ Toxicity –

Single Exposure Eyes, lungs, blood, respiratory system

Specific Target Organ Toxicity - Repeated Exposure

Eyes, blood, nose, respiratory system, hematopoietic system, liver

Aspiration hazard

No data available for this product.

Medical Conditions Aggravated by Exposure

No data available.

Additional Data

No additional information is available.

Section 12 - ECOLOGICAL INFORMATION

Ecotoxicity

Harmful to aquatic life with long lasting effects.

Component Analysis - Aquatic Toxicity

Trade secret	Not available
Fish:	LC50 96 h Pimephales promelas 5.74 - 6.44 mg/L [flow-through]; LC50 96 h Oncorhynchus mykiss 1.6 mg/L [flow-through]; LC50 96 h Oncorhynchus mykiss 0.91 - 2.82 mg/L [static]; LC50 96 h Pimephales promelas 1.99 mg/L [static]; LC50 96 h Lepomis macrochirus 31.0265 mg/L [static]
Invertebrate:	LC50 48 h Daphnia magna 2.16 mg/L IUCLID ; EC50 48 h Daphnia magna 1.96 mg/L [Flow through] EPA ; EC50 48 h Daphnia magna 1.09 - 3.4 mg/L [Static] EPA

Persistence and Degradability

No information available for the product.

Bioaccumulative Potential

No information available for the product.

Mobility

No information available for the product.

Section 13 - DISPOSAL CONSIDERATIONS

Disposal Methods

Dispose in accordance with federal, state, provincial, and local regulations. The responsibility for proper waste disposal lies with the owner of the waste.

Section 14 - TRANSPORT INFORMATION

US DOT Information:

UN/NA #: Not regulated as a hazardous material

IATA Information:

UN#: Not regulated as a hazardous goods.

ICAO Information:

UN#: Not regulated as a hazardous goods.

IMDG Information:

UN#: Not regulated as a hazardous goods.

TDG Information:

UN#: Not regulated as a hazardous goods.

Section 15 - REGULATORY INFORMATION

U.S. Federal Regulations

This material contains one or more of the following chemicals required to be identified under SARA Section 302 (40 CFR 355 Appendix A), SARA Section 313 (40 CFR 372.65), CERCLA (40 CFR 302.4), TSCA 12(b), and/or require an OSHA process safety plan.

Paraformaldehyde	30525-89-4
CERCLA:	1000 lb final RQ ; 454 kg final RQ
trade secret	Not available
SARA 313:	0.1 % de minimis concentration
CERCLA:	100 lb final RQ ; 45.4 kg final RQ

SARA Section 311/312 (40 CFR 370 Subparts B and C)

Acute Health: Yes Chronic Health: Yes Fire: No Reactivity: No U.S. State Regulations

The following components appear on one or more of the following state hazardous substances lists:

Component	CAS	CA	MA	MN	NJ	PA
Paraformaldehyde	30525-89-4	Yes	Yes	No	Yes	Yes
trade secret	Not available	Yes	Yes	Yes	Yes	Yes
Quartz	14808-60-7	No	Yes	Yes	Yes	Yes

The following statement(s) are provided under the California Safe Drinking Water and Toxic Enforcement Act of 1986 (Proposition 65):

WARNING! This product contains a chemical known to the state of California to cause cancer

trade secret	Not available
Carc:	carcinogen , 4/19/2002

Canadian WHMIS Ingredient Disclosure List (IDL)

Components of this material have been checked against the Canadian WHMIS Ingredients Disclosure List. The List is composed of chemicals which must be identified on MSDSs if they are included in products which meet WHMIS criteria specified in the Controlled Products Regulations and are present above the threshold limits listed on the IDL

Paraformaldehyde	30525-89-4	1 %
trade secret	Not available	1 %
Quartz	14808-60-7	1 %

Component Analysis - Inventory Paraformaldehyde (30525-89-4)

US	CA	EU	AU	PH	JP - ENCS	JP - ISHL	KR - KECI/KECL	KR - TCCA	CN	NZ	MX	TW
Yes	DSL	No	Yes	Yes	Yes	No	Yes	No	Yes	Yes	Yes	Yes

trade secret (Not available)

US	CA	EU	AU	PH	JP - ENCS	JP - ISHL	KR - KECI/KECL	KR - TCCA	CN	NZ	MX	TW
Yes	DSL	EIN	Yes	Yes	Yes	No	Yes	No	Yes	Yes	Yes	Yes

Calcium sulfate hemihydrate (10034-76-1)

US	CA	EU	AU	PH	JP - ENCS	JP - ISHL	KR - KECI/KECL	KR - TCCA	CN	NZ	MX	TW
No	No	No	Yes	Yes	No	No	No	No	Yes	Yes	No	Yes

Quartz (14808-60-7)

US	CA	EU	AU	PH	JP - ENCS	JP - ISHL	KR - KECI/KECL	KR - TCCA	CN	NZ	MX	TW
Yes	DSL	EIN	Yes	Yes	Yes	No	Yes	No	Yes	Yes	Yes	Yes

Section 16 - OTHER INFORMATION

NFPA Ratings

Health: 2 Fire: 1 Reactivity: 0

Hazard Scale: 0 = Minimal 1 = Slight 2 = Moderate 3 = Serious 4 = Severe

Summary of Changes

New SDS: April 28, 2016 / SDS Update Rev 1: October 10, 2016 / SDS Update Rev 2: May 17, 2018

Key / Legend

ACGIH - American Conference of Governmental Industrial Hygienists; ADR - European Road Transport; AU - Australia; BOD - Biochemical Oxygen Demand; C - Celsius; CA - Canada; CAS - Chemical Abstracts Service; CERCLA - Comprehensive Environmental Response, Compensation, and Liability Act; CLP -

Classification, Labelling, and Packaging; CN - China; CPR - Controlled Products Regulations; DFG - Deutsche Forschungsgemeinschaft; DOT - Department of Transportation; DSD - Dangerous Substance Directive; DSL - Domestic Substances List; EEC - European Economic Community; EINECS - European Inventory of Existing Commercial Chemical Substances; ENCS - Japan Existing and New Chemical Substance Inventory; EPA - Environmental Protection Agency; EU - European Union; F - Fahrenheit; IARC - International Agency for Research on Cancer; IATA - International Air Transport Association; ICAO - International Civil Aviation Organization; IDL - Ingredient Disclosure List; IDLH - Immediately Dangerous to Life and Health; IMDG - International Maritime Dangerous Goods; ISHL - Japan Industrial Safety and Health Law; JP - Japan; Kow - Octanol/water partition coefficient; KECI - Korea Existing Chemicals Inventory; KECL - Korea Existing Chemicals List; KR - Korea; LEL - Lower Explosive Limit; LLV - Level Limit Value; LOLI - List Of Lists™ - ChemADVISOR's Regulatory Database; MAK - Maximum Concentration Value in the Workplace; MEL - Maximum Exposure Limits; MX - Mexico; NFPA - National Fire Protection Agency; NIOSH - National Institute for Occupational Safety and Health; NJTSR - New Jersey Trade Secret Registry; NTP - National Toxicology Program; NZ - New Zealand; OSHA - Occupational Safety and Health Administration; PH - Philippines; RCRA - Resource Conservation and Recovery Act; REACH- Registration, Evaluation, Authorization, and restriction of Chemicals; RID - European Rail Transport; SARA - Superfund Amendments and Reauthorization Act; STEL - Short-term Exposure Limit; TCCA - Korea Toxic Chemicals Control Act.; TDG - Transportation of Dangerous Goods; TSCA - Toxic Substances Control Act; TW - Taiwan; TWA - Time Weighted Average; UEL - Upper Explosive Limit; US - United States.

Other Information Disclaimer:

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