

Material Safety Data Sheet PRESSURE INDICATOR PASTE

Section 1 – Identification of the Substance/Preparation and of the Company/Undertaking

Product Name: PRESSURE INDICATOR PASTE (PIP)

Chemical Name:

Family:

Product Use: Dental seating paste

Product #: -- 6120200, 6120210, 6120220, 6120225, 6120300, 6120400, 6120900, 6121000, 6121005

MSDS Initial Approval Date:	Jan 04
MSDS Prepared by:	JRR

Manufacturer: Mizzy Inc.
616 Hollywood Av
Cherry Hill, NJ 08002
Emergency Phone Numbers: (800) 535 - 5053
Information Contacts: (856) 663 - 4700

Section 2 - Composition/Information on Ingredients

Chemical Identity	CAS Numbers	EINECS#	INCI Name	Exposure OSHA TWA/STEL	Limits ACGIH TWA/STEL	Carcinogen IARC/NTP/OSHA	%
Dimethylpolysiloxane	63148-62-9	N/DA					80 – 90%
Zinc Oxide Proprietary	1314-13-2	215-222-5	C.I. 77947				10 – 20%

N/E - None Established
N/R - Not Reviewed
N/DA - No Data Available
N/A - Not Applicable

Section 3 - Hazards Identification

EMERGENCY OVERVIEW

This information is based on findings from related or similar materials.

- None

Potential Health Effects, Signs and Symptoms of Exposure:

Primary Route of Entry	Ingestion
Eye	May cause minor irritation
Skin	No evidence of harmful effects from available information
Ingestion	Swallowing small amounts of this material during normal handling is not likely to cause harmful effects.
Inhalation	No evidence of harmful effects from available information
Sub-Chronic Effects	Bo adverse effects anticipated from available information

NOTE: Refer to Section 11, Toxicological Information for Details

Section 4 - First Aid Measures

First Aid for Eye	Flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids. If irritation develops, get medical aid.
First Aid for Skin	Get medical aid if irritation develops or persists. Wash clothing before reuse. Flush skin with plenty of soap and water.
First Aid for Inhalation	Remove from exposure and move to fresh air immediately. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical aid if cough or other symptoms appear.
First Aid for Ingestion	Get medical aid if irritation or symptoms occur.

Notes to Physician: Treat symptomatically and supportively.

Section 5 - Fire Fighting Measures

Flash Point (°F/°C)	Flammable Limit (vol%)	Auto-ignition Temperature (vol%)
NDA	LEL: NDA UEL: NDA	NDA

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Method:

Extinguishing Media: Foam, dry chemical or carbon dioxide if it indeed will burn

Fire Fighting Instructions: Use self-contained breathing apparatus when fighting fires in enclosed areas

Unusual Hazards: None

Section 6 - Accidental Release Measures

Spill or Release Procedures: Wipe up spilled product with absorbent material. Wipe a second time with cloth soaked in isopropyl alcohol followed by rinsing with water.

Section 7 - Handling and Storage

Handling

Storage: Avoid extreme heat and cold. This compound is relatively inert from -50°C to 200°F

Explosion Hazard: N/A

Section 8 - Exposure Controls / Personal Protective Equipment

Engineering Controls

Personal Protective Equipment

General: None expected to be needed

Eye/ Face Protection

Skin Protection

Respiratory Protection

Section 9 - Physical and Chemical Properties

Appearance	Odor & Odor Threshold	pH	Specific Gravity (H ₂ O = 1)	Viscosity	% Volatile
White, tenacious paste	Odorless	NDA	1.10	Paste	NDA

Boiling Point/ Freezing Point	Decomposition Temperature	Octanol/Water Partitioning Coefficient Log Po/w	Vapor Pressure (mm Hg):	Vapor Density (AIR = 1)	Evaporation Rate (Butyl Acetate = 1)	Ignition	Solubility In Water
300°C/572°F	NDA	NDA	@25°C Nil	1	Nil	N/A	None
Flash Point (°F/°C)		Flammable Limit (vol%)		Auto-ignition Temperature (vol%)			
NDA		LEL – NDA UEL – NDA		NDA			

Section 10 - Stability and Reactivity

Stability:

Stable

Hazardous Decomposition Products:

NDA

Conditions to Avoid:

NDA

Incompatibility (Materials to Avoid):

NDA

Hazardous Polymerization:

Will not occur

Section 11 - Toxicological Information

Acute Oral Toxicity	Acute Dermal Toxicity	Acute Inhalation Toxicity	Irritation - skin	Irritation - Eye
'As much as 5 ml. per kilogram of mouse can be fed with no toxic effects. This is equal to a level of 50 ml. in a 10 kilo child or 250 ml. in a 50 kilo adult	NDA	NDA	NDA	NDA

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Sensitization	Mutagenicity	Sub-chronic Toxicity
NDA	NDA	NDA

RTECS#:

Section 12 - Ecological Information

Ecotoxicological Information

Acute Toxicity To Fish	Acute Toxicity to Invertebrates	Acute Toxicity to Algae	Bioconcentration	Toxicity to Sewage Bacteria
N/DA	N/DA	N/DA	N/DA	N/DA

Chemical Fate Information

Biodegradability	N/DA
Chemical Oxygen Demand	N/DA

To the best of our knowledge, the ecotoxicological and chemical fate properties have not been thoroughly investigated. Do not allow to enter drinking water supplies, wastewater, or soil.

Section 13 - Disposal Considerations

Follow Federal, State and Local regulations for disposal. For EU Member States, please refer to any relevant Community provisions relating to waste. In their absence, it is useful to remind the user that national or regional provisions may be in force.

Section 14 - Transport Information

DOT (49 CFR 172)	
Proper Shipping Name:	Non-Regulated Material
Identification Number:	N/A
Marine Pollutant:	No
Special Provisions:	N/A
Emergency Response Guidebook (ERG) #:	N/A
IATA (DGR):	
Proper Shipping Name:	Non-Regulated Material
Class or Division:	N/A
UN or ID Number:	N/A
Packaging Instructions:	
Emergency Response Guidance (ICAO)#:	
IMO (IMDG):	
Proper Shipping Name:	Non-Regulated Material
Class or Division:	N/A
UN or ID Number:	N/A
Special Provisions & Stowage/Segregation:	None
Emergency Schedule (EmS)#:	
Other Information:	

Section 15 - Regulatory Information

US Federal Regulations

Clean Air Act: HAP/ODS	This product contains the following hazardous air pollutants (HAP's) or ozone depleting substances (ODS's), as defined by the U. S. Clean Air Act: <ul style="list-style-type: none"> NONE
Clean Water Act:	This product contains the following chemicals listed under the U.S. Clean Water Act Priority Pollutant List: <ul style="list-style-type: none"> NONE
FDA: Food Packaging Status	This product has not been cleared by the FDA for use in food packaging and/ or other applications as an indirect food additive.
Occupational Safety and Health Act	This product is not considered a hazardous chemical under the OSHA Hazard Communication Standard.
RCRA	This product contains no chemicals considered to be hazardous waste under RCRA (40 CFR

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	261).
SARA Title III: Section 302 (TPQ)	This product contains no chemicals regulated under Sec. 302 as extremely hazardous substances.
SARA Title III: Section 302 (RQ)	This product contains no chemicals regulated under Sec. 304 as extremely hazardous chemicals for emergency release notification ("CERCLA " List).
SARA Title III: Section 311-312:	This product does not contain hazardous substances under the OSHA Hazard Communication Standard, and is not regulated under Section 311-312 (40 CFR 370).
SARA Title III: Section 313:	This product contains the following chemicals outlined in SARA Title III: Section 313: <ul style="list-style-type: none"> NONE.
TSCA Section 8(b): Inventory:	This product contains chemicals listed on the TSCA inventory or otherwise complies with TSCA premanufacture notification requirements. None of the chemicals listed have a SNUR under TSCA.
TSCA Significant New Use Rule:	

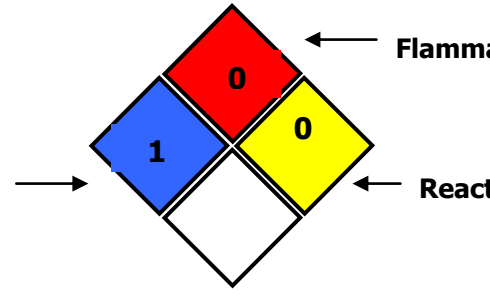
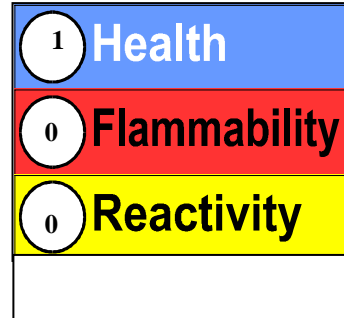
State Regulations

CA Right-to-Know Law:	NONE
California No Significant Risk Rule:	NONE
MA Right-to-Know Law:	NONE
NJ Right-to-Know Law:	NONE
PA Right-to-Know Law:	NONE
FL Right-to-Know Law:	NONE
MN Right-to-Know Law:	NONE

International Regulations

CDSL: Canadian Inventory (On Canadian Transitional List)	Zinc oxide CAS no. 1314-13-2 is on the DSL list
EINECS: European Inventory:	<ul style="list-style-type: none"> HAZARD SYMBOLS: N/DA RISK PHRASES: N/DA SAFETY PHRASES: N/DA

Section 16 - Other Information
Hazard Rating System (Pictograms)

NFPA: 	HMIS: 
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Revised Sections since Last Version:	
Original	Jan 04
Overall format revision	11/27/07
MSDS Review, no changes	11/18/10

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