

1. Chemical Product and Contact Information

Product Name: Correct Plus® Vinyl Polysiloxane Impression Material

Material Safety Sheet Number: 00052

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2. Composition/Information on Ingredients

Chemical characteristics:

Description:

Polyvinylidimethylsiloxane.

Polyvinylsiloxane resin mixture with inorganic fillers, pigments, platinum catalyst and SiH capped polysiloxane, with or without flavoring agents.

Hazardous components:

Element	CAS #	Exposure Limit mg/m ³	
		OSHA PEL	ACGIH TLV
Polyvinylidimethylsiloxane	68083-18-1	N/E	N/E
Inorganic Fillers	Mixture	N/A	N/A
Pigments	Various	N/A	N/A
Platinum Catalyst	N/A	N/A	N/A
SiH capped polysiloxane	68037-59-2	N/E	N/E
Flavoring Agents	Unknown	N/A	N/A

3. Hazard Identification

Risk identification:

Special risks for human beings and environment:

Classification:

None known.

Unknown.

4. First Aid Measures

General information:

After skin contact:

After eye contact:

After swallowing:

Wash with plenty of water and soap. Consult a physician if irritation occurs. Immediately flush eyes with eyelids retracted with plenty of water for 15 minutes. Consult an ophthalmologist if needed.

Seek medical advice immediately.

5. Fire Fighting Measures

Extinguishing media:

Protective equipment:

Sand, chemical foam, carbon dioxide or dry chemical. During a fire, irritating and/or toxic gases and aerosols may be present from the decomposition/combustion products. Firefighters should wear full protective clothing, including a self-contained breathing apparatus.

6. Accidental Release Measures

Personal precautions:

Environmental precautions:

Methods for cleaning up:

Additional information:

Protective gloves and goggles. Absorb with inert material. Collect in closed containers and dispose of as recommended. Avoid skin contact, wear protective equipment. Dispose in accordance to Federal, State, and local regulations. Unknown.

7. Handling and Storage

Handling:

Handling procedures:

Recommendation for fire and explosion protection:

Storage:

Not applicable.

Not applicable.

Not applicable.

Store at ambient temperature. Store away from direct sunlight, initiators, oxidizing, and/or reducing agents.

Requirements at storerooms and containers:

Additional storage conditions:

Storage classification:

VBF- classification:

Over time, spontaneous polymerization may occur.

Not applicable.

Not applicable.

Not applicable.

8. Exposure Controls/Personal Protection

Additional information:

Personal protective equipment:

General measure of protection

and hygiene:

Respiration:

Hands:

Eyes:

Protective gloves (Rubber, PVS, Nitrile), goggles, and a rubber apron.

Normal hygienic measures.

Unknown

Protective gloves.

OSHA approved goggles.

9. Physical and Chemical Properties

Appearance:

Form:

Gel or Putty-like.

Color:

Shaded.

Odor:

Odorless, or berry-scented.

Information on change in the physical state

Melting point/melting range:

Not applicable.

Boiling point/boiling range:

Not applicable.

Flash point:

485°F (252°C) Closed cup - DIN 51755.

Autoignition temperature:

Unknown.

Danger of explosion:

Unlikely.

Density:

Various.

Vapor pressure:

Not applicable.

Viscosity:

Not applicable.

pH:

Not applicable.

Solubility in/miscibility with water:

Insoluble.

Content of solvents:

None.

Percent Volatile:

< 2%.

Water:

None.

Content of solids:

Various.

10. Stability and Reactivity

Chemical Stability:

Stable.

Incompatibility with other substances:

Not applicable.

Hazardous decomposition products:

Not applicable.

11. Toxicological Information

Carcinogenicity:

None of the components of this material are listed by IARC, NTP, OSHA, or ACGIH as carcinogens.

TLV:

None.

Primary Routes of entry:

Inhalation, skin, and eyes.

12. Ecological Information

General information:

Unknown.

Classification of water endangerment:

Unknown.

13. Disposal Considerations

Disposal consideration:

Dispose of in accordance with Federal, State, and local regulations.

14. Transport Information

Not classified as dangerous goods.

15. Regulatory Information

Classification according to EEC guidelines:

Unknown.

National Prescriptions:

Unknown.

Classification according to VbF:

Unknown.

16. Other Information

The information and recommendations set forth herein (hereinafter "information") are presented in good faith and believed to be correct as of the date hereof. Pentron Clinical however, makes no representations as to the completeness or accuracy of this information and supplies it on the condition that the persons receiving same will make their own determination as to its suitability for their purposes prior to use. In no event will Pentron Clinical be responsible for damages of any nature whatsoever resulting from the use of or reliance upon information.

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