

## **SAFETY DATA SHEETS**

**This SDS packet was issued with item:**

075230586

**The safety data sheets (SDS) in this packet apply to one or more components included in the items listed below. Items listed below may require one or more SDS. Please refer to invoice for specific item number(s).**

075230511 075230537 075230545 075230560 075230578 075230594

# MATERIAL SAFETY DATA SHEET

PERFECTIM® SYSTEMS Vinyl Polysiloxane Impression Materials



## SECTION I: IDENTIFICATION

J. Morita USA, Inc.  
9 Mason, Irvine, CA 92618

Emergency Phone Numbers: 1-888-J MORITA (1-888-566-7482) or  
1-949-581-9600

Effective Date: 12/15/14 supersedes 7/15/13

## SECTION II: HAZARDOUS MATERIALS

Chemical Name Vinyl Addition Silicone  
Trade Name PERFECTIM SYSTEMS/  
90 Second Blue Velvet®; 30 Second Blue Velvet®;  
90 Second Flexi-Velvet®; 30 Second Flexi-Velvet®;  
90 Second SnoWhite™; 30 Second SnoWhite™;  
Single Phase™; Final Wash™  
Chemical Family Vinyl Polysiloxane  
Chemical Formula Trade secret

NFPA INFORMATION:		
HEALTH	FIRE	REACTIVITY
0	0	0

## SECTION III: PHYSICAL DATA

Boiling Point (°F) N/A  
Freezing Point (°F) N/A  
Volatility Volume (%) Non-volatile  
Melting Point N/A  
Vapor Pressure, mm Hg Less than 5  
Vapor Density (Air=1) N/A  
Solubility in H<sub>2</sub>O Insoluble  
Appearance/Odar 90 Second Blue Velvet; 30 Second Blue Velvet = blue base /white catalyst  
90 Second Flexi-Velvet; 30 Second Flexi-Velvet = orange base /white catalyst  
90 Second SnoWhite; 30 Second SnoWhite = white base /white catalyst  
Single Phase = brown base /blue catalyst; Final Wash = pink base /blue catalyst  
All are odorless.  
Specific Gravity (H<sub>2</sub>O=1) 1.24 - 1.4 gr/cm<sup>3</sup>  
Evaporation Rate Nil  
pH N/A

## SECTION IV: FIRE AND EXPLOSION HAZARD DATA

Flash Point (°F) Above 525°F material will ash  
Lower Flame Limit N/A  
Higher Flame Limit N/A  
Extinguish Media Sand, carbon dioxide, foam, dry chemical  
For Fire Firefighters should be equipped with breathing apparatus  
Unusual Fire Hazard None

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### **PERFECTIM® SYSTEMS Vinyl Polysiloxane Impression Materials**

#### **SECTION V: HEALTH HAZARD DATA**

Threshold Limit Value	N/A
Effects of Overexposure	Eye contact may cause temporary irritation
First Aid Procedures	<b>Inhalation:</b> NONE <b>Skin Contact:</b> NONE <b>Eye Contact:</b> Flush immediately with plenty of water for 15 minutes. Call a physician. <b>Ingestion:</b> If swallowed, get medical attention immediately. Only induce vomiting if directed by a physician.

#### **SECTION VI: REACTIVITY DATA**

Chemical Stability	Stable
Conditions to Avoid	None
Incompatible Materials	Strong oxidizers
Hazardous Decomposition	Will not occur
Hazardous Polymerization	Will not occur

#### **SECTION VII: SPILL OR LEAK PROCEDURE**

For Leak or Spill	Recover spill: Place in container for approved disposal
Waste Disposal Method	Waste disposal should be in accordance with existing Federal, State and Local environmental regulations.

#### **SECTION VIII: SPECIAL PROTECTION**

Respiratory Protection	None
Ventilation	None
Protective Gloves	None
Eye Protection	None
Other Protective Equipment	None

#### **SECTION IX: SPECIAL PRECAUTIONS**

Handling and Storage	Keep in cool place
Other Precautions	None
Hazard Class	Non-hazardous
DOT Shipping Name	N/A

THE DATA AND INFORMATION GIVEN IN THIS MATERIAL SAFETY DATA SHEET ARE ACCURATE ON THE DATE OF PREPARATION. IT DOES NOT INDICATE ANY WARRANTY OR REPRESENTATION. WE DISCLAIM ALL LIABILITY RELATING TO THE USE OF MATERIAL SINCE THIS IS BEYOND OUR CONTROL.

# PerfectIM® Systems VPS Impression Fluids

Vinyl Polysiloxane System

**J. MORITA**  
**USA INC.**

Regional Partner



## Safety Data Sheet (SDS)

### Section 1: Identification

Product name: PerfectIM Systems VPS Impression Fluids  
90 Second Flexi-Velvet, 30 Second Flexi-Velvet, 90 Second SnoWhite, 30 Second SnoWhite, Single Phase,  
Final Wash, Tissue Mimic

Emergency contact: J. Morita USA, Inc.  
9 Mason, Irvine, CA 92618, USA

Emergency phone number: (888) JMORITA (1-888-566-7482) or  
(949) 581-9600

### Section 2: Hazard(s) Identification

Adverse health effects: Non-irritant for skin, slight irritant for eyes

Physical and chemical hazards: None

Hazard classification: Not classified according to GHS. See adverse health effects section for additional information.

### Section 3: Composition/Information on Ingredients

Chemical family: Addition Silicone (Vinyl Terminated Polysiloxane)

Hazardous components: None - This product contains no hazardous components as defined in the  
OSHA Hazard Communication Standard (29 CFR 1910.1200)

### Section 4: First-Aid Measures

In case of inhalation: Not applicable

In case of contact with skin: Not applicable

In case of contact with eyes: Flush immediately with plenty of water.  
If irritation persists, see eye doctor

Ingestion: Small quantities will pass through system.  
Consult a physician

### Section 5: Fire-Fighting Measures

Extinguishing media

Unsuitable: None

Appropriate: Foam, carbon dioxide, powder, and water spray

Specific hazards: Material can burn generating irritating gases

Specific intervention methods: Appropriate protective equipment must be worn in case of fire

### Section 6: Accidental Release Measures

Recovery: Collect in a suitable container for disposal

Cleaning / decontamination: Wipe up affected area with absorbent material

Disposal: Dispose of material in accordance with local, state and federal requirements

### Section 7: Handling and Storage

Handling: Does not require specific technical measures. Note that handling with latex or rubber gloves may inhibit set.  
Use only vinyl gloves.

Storage

Containers: Store in supplied packaging

Incompatibilities: Strong oxidizing agents

Conditions: Store away from heat sources. Temperature will affect set time.

### Section 8: Exposure Controls/Personal Protection

Engineering controls: None required

Personal protective equipment

Hand protection: None required

Eye protection: None required

## Section 9: Physical and Chemical Properties

Aspect	
Color:	As specified
Physical status:	Viscous fluid or putty
Odor:	Flavored - as specified or no flavor
pH:	Not applicable
Flash point:	> 450 °F (232 °C) (material will ash)
Boiling point:	> 302 °F (150 °C)
Vapor pressure:	< 5 mm Hg @ 77 °F (25 °C)
Crystallization point:	Not applicable
Specific gravity:	> 1
Solubility:	Insoluble in water
Volatile part by weight:	None volatile
n-octanol partition coefficient:	Not applicable

## Section 10: Stability and Reactivity

Stability:	Stable
Dangerous reactions	
Hazardous decomposition products:	None to our knowledge
Materials to avoid:	No dangerous reaction known

## Section 11: Toxicological Information

Acute toxicity:	Non-toxic
Local effects:	Eye irritant

## Section 12: Ecological Information\* (non-mandatory)

Environmental fate:	No data available
Degradability:	Non-biodegradable
Exotoxicity	
Impact on aquatic environment:	No data available No affect anticipated

## Section 13: Disposal Considerations\* (non-mandatory)

Product residues	
Destruction / elimination:	Dispose in accordance with federal, state and local regulations
Prohibition:	None specifically
Used packaging	
Destruction / elimination:	Dispose in accordance with federal, state and local regulations
Decontamination / washing:	None applicable

## Section 14: Transport Information\* (non-mandatory)

Ground transportation:	Not regulated
Sea transportation:	Not regulated
Air transportation:	Not regulated

## Section 15: Regulatory Information\* (non-mandatory)

Federal	
Sara title III section 313:	This product does not contain any substance subject to responding requirements at or above de minimis quantities
TSCA:	All components are either listed or otherwise comply with requirements
International	
DSL (Canada):	All ingredients are listed on the Canadian Domestic Substance List (DSL)
WHMIS (Canada):	Not a "controlled product" under the Canadian Workplace Hazardous Materials Information System (WHMIS)

## Section 16: Other Information

Recommended use:	Dental impression material
Date prepared:	05/14/15

Information contained herein is believed to be true and accurate, but all statements are made without warranty, expressed or implied, regarding the accuracy of the information, the hazards connected with the use of the material or the results to be obtained from the use thereof. Compliance with all applicable federal, state and local laws and regulations remains the responsibility of the user.

The health and safety information contained in this SDS should be provided to all employees or customers who may encounter our product.

\*Note: Since other Agencies regulate this information, OSHA will not be enforcing Sections 12 through 15 (29 CFR 1910.1200(g)(2)).