



Den-Mat Holdings, LLC  
1017 West Central Avenue • Lompoc, CA • 93436-2701  
P.O. Box 1729 • Lompoc, CA • 93438-1729  
U.S.A.

Tel: (805) 346-3700  
Tel: (800) 433-6628

## ***MATERIAL SAFETY DATA SHEET***

<b>TRADE NAME:</b>	<b>Splash! and Splash! Half-Time Dental Impression Materials, Extra Lite Body, Lite Body, Monophase/Medium Body, Heavy Body, and Putty.</b>
--------------------	---

**CHEMICAL FAMILY:** Dental Impression Material

**FORMULA:** Polydimethyl vinyl siloxane, polydimethyl hydrogen siloxane, silica, and paraffine.

**HAZARDOUS INGREDIENTS/IDENTITY:**

**CAS #:** Name % R-classification.

**Risk Identification:** Special risks for human beings and environment.

**Classification:** Classification corresponds to actual EEC guidelines.

**Toxicity:** Material is not known to cause significant health problems. Allergic reaction is possible in susceptible individuals.

**Primary Routes of Exposure:** Skin contact, eye contact, ingestion.

### **I. PHYSICAL DATA**

**BOILING POINT:** > 200°C

**SPECIFIC GRAVITY at 20°C (g/cm³):** 1.23, 1.32, 1.48, 1.41, 1.54, 1.58, 1.10, 1.50

**VAPOR DENSITY (Air=1):** N/A

**SOLUBILITY IN WATER:** Insoluble. Product is soluble in toluene, petrol ether.

**EVAPORATION RATE:** < 1

**APPEARANCE AND ODOR:** Paste in orange, green, blue, purple with a faint berry odor.

### **II. FIRE AND EXPLOSION HAZARD DATA**

**FLASH POINT:** > 415°F

**FLAMMABLE LIMITS** Not determined

**EXTINGUISHING MEDIA:** Water, Sand, Foam, CO<sub>2</sub>

**SPECIAL FIRE EXTINGUISHING PROCEDURES:** Full protective clothing with self-contained breathing apparatus.

**UNUSUAL FIRE AND EXPLOSION HAZARDS:** Irritating gases from decomposition of the silicone resins may be present.

### **III. HEALTH HAZARD DATA/FIRST AID PROCEDURES**

**SIGNS AND SYMPTOMS OF EXPOSURE:** Product may irritate eyes and skin. Eye contact may result in irritation and possible corneal damage. Skin

	contact may cause irritation or possible allergic reaction.
EYES:	Eye contact may cause irritation. If eye contact occurs, flush immediately with copious amounts of water; consult physician.
SKIN:	Non toxic. No absorption. If skin contact occurs, wash with soap and water.
INGESTION:	Ingestion of small quantities of this material, under normal circumstances, would not cause a harmful effect. If large quantities are ingested, consult physician immediately.

#### **IV. REACTIVITY DATA**

STABILITY:	This material is stable.
CONDITIONS TO AVOID:	Extreme heat or cold.
INCOMPATIBILITY:	Latex (as in Latex gloves) can inhibit the setting characteristics of the material.
HAZARDOUS POLYMERIZATION:	Will not occur.

#### **V. SPILL OR LEAK PROCEDURES**

STEPS TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED:	Wipe up with absorbent material. Follow proper disposal or incineration procedures in accordance with local, state and federal regulations.
---	---

#### **VI. SPECIAL PROTECTION INFORMATION**

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE:	Store in a dry area.
OTHER PRECAUTIONS:	Store away from food stuffs, heat, acids and bases.
PROTECTIVE GLOVES:	Not compatible with Latex gloves. Any Latex will inhibit setting characteristics of the material.
WORK/HYGIENIC PRACTICES:	Routine.

#### **EMERGENCY PHONE NUMBER: (805) 346-3700**

*While Den-Mat Holdings, LLC believes that the data contained herein are factual and the opinions expressed are those of qualified experts regarding the results of the tests conducted, the data are not to be taken as a warranty or representation for which Den-Mat assumes legal responsibility. They are offered solely for your consideration, investigation and verification. Any use of these data and information must be determined by the user to be in accordance with applicable Federal, State and local laws and regulations.*

**DEN-MAT HOLDINGS, LLC - 1017 WEST CENTRAL AVENUE, LOMPOC, CA • 93436**