



# Alginate Substitute

DEFEND Item  
Code #VP-9200

## MATERIAL SAFETY DATA SHEET

### IDENTIFICATION

**Manufactured for:** MYDENT INTERNATIONAL  
**Address:** 80 Suffolk Court  
**City, State, Zip:** Hauppauge, NY 11788  
**Telephone:** 631-434-7760  
**Date Prepared:** 1/1/2011  
**Chemical Name:** Addition Silicone

### HAZARDOUS INGREDIENTS

ITEM	OSHA PEL	ACGIH TLV	OTHER LIMITS RECOMMENDED	%
------	----------	-----------	--------------------------	---

#### Hazardous/Toxic Components (CAS #):

NONE  
Non-Hazardous  
Non-Flammable

#### Hazard Rating (NFPA):

HEALTH: FLAMMABILITY: REACTIVITY: SPECIFIC: Stable

#### Non-Hazardous Components (CAS #):

Vinyl Terminated Polysiloxane	NONE	N/A	N/A
-------------------------------	------	-----	-----

AS PER OSHA HAZARD COMMUNICATIONS STANDARD 29CFR 1910.1200

### PHYSICAL DATA/CHEMICAL CHARACTERISTICS

#### Appearance and Odor:

Light Tan Base; White Color Catalyst; Mint Odor

#### Boiling Point:

>150° C

#### Volatile (by weight %):

Non-Volatile

#### Vapor Pressure (mm Hg.):

< 5 mm Hg @ 25°C

#### Melting Point:

N/A

#### Vapor Density (AIR - 1):

N/A

#### Evaporation Rate

NIL

#### (Butyl Acetate - 1):

**Solubility in Water (H<sub>2</sub>O):** Insoluble

**Specific Gravity (H<sub>2</sub>O - 1):** > 1

**pH:** N/A

### FIRE AND EXPLOSION HAZARD DATA

**Flash Point (Method Used):** 450° F – Material will Ash

**Flammable Limits:** N/A

**Extinguishing Media:** Waterspray, Foam, Powder, Carbon Dioxide

**UEL:** N/A

**LEL:** N/A

**Special Fire Fighting Procedures:** Appropriate protective equipment must be worn in case of fire

#### Unusual Fire & Explosion Hazards or Procedures:

Material can burn generating irritating gases

### REACTIVITY DATA

**Stability:** Stable Conditions

**to Avoid:** None

**Incompatibility (Material to Avoid):** No Dangerous Reactions

**Known Hazardous Decomposition of Byproducts:** None to our

knowledge **Hazardous Polymerization:** None to our knowledge

### TRANSPORTATION: (DOT info if Applicable)

Not Regulated – Ground, Sea or Air

### HEALTH HAZARD DATA

#### EFFECTS OF OVEREXPOSURE: (Routes of

**Entry) Skin:** May cause slight irritation of skin

**Eyes:** Slight irritant for eyes

**Ingestion:** N/A

**Inhalation:** N/A

### SIGNS AND SYMPTOMS OF EXPOSURE

**Skin:** Irritation

**Eye:** Irritation

**Ingestion:** N/A

**Inhalation:** N/A

**Medical Conditions Generally Aggravated by Exposure:** N/A

### EMERGENCY AND FIRST AID PROCEDURES

**Skin:** Wash with plenty of soap and water

**Eyes:** Flush immediately with plenty of water. If irritation persists, see eye doctor

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

**Inhalation:** N/A

### PRECAUTIONS FOR SAFE HANDLING AND USE

**Steps to be taken in case material is released or spilled:** Collect in a suitable container for disposal

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

**Precautions to be Taken in Handling and Storing:** Does not require specific technical measures. Note that handling with latex or rubber gloves may inhibit set. Use only vinyl gloves. Store away from heat sources. Temperature will affect set time. Store in supplied packaging. **Other Precautions:** Strong oxidizing agents

### CONTROL MEASURES

**Respiratory Protection (Specify Type):** N/A

**VENTILATION:** NONE

**Local Exhaust:** N/A

**Mechanical (General):** N/A

**Protective Gloves:** NONE

**Eye Protection:** NONE

**Other Protective Clothing or Equipment:** NONE

**Other Work / Hygiene Practices:** N/A

### CARCINOGENICITY

**NTP:** N/A

**IARC Monographs:** N/A

**OSHA Regulated:** N/A

### REGULATORY

**FEDERAL:** SARA title III sec. 313: This product does not contain any substance subject to reporting 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)

### SPECIAL INFORMATION

**24 hr EMERGENCY PHONE #: CHEMTREC (800) 424-9300**

Note: MYDENT INTERNATIONAL has compiled this data based on the research and input of qualified experts in the field of microbiology, chemistry and quality assurance. The data are not to be taken as a warranty or representation for which MYDENT INTERNATIONAL assumes legal responsibility. They are offered only for your consideration and verification.