

# Material Safety Data Sheet

Version: 1.1

27/05/2004

**Product:** UnoDent Mouth Props (SRU010-040)

## **1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION**

Manufacturer/supplier: Made for UnoDent Ltd. Tel: 01376 500582  
Address: 10 Perry Way, Witham, Essex Fax: 01376 500581  
CM8 3SX, UK  
Information sector: Technical Department Tel: 01376 500582  
Emergency information: Technical Department  
Emergency e-mail: [info@unodent.com](mailto:info@unodent.com)

Revised: 27/05/2004  
Preparer: PRODUCT STEWARDSHIP COMPLIANCE AND STANDARDS  
CHEMTREC: 1-800-424-9300

Chemical Family/Use: Silicone Rubber  
Formula: Mixture

### **HMIS**

Flammability: 1      Reactivity: 0      Health: 0      Prot. Equipment:

### **NFPA**

Flammability: 1      Reactivity: 0      Health: 1      Special Haz.:

## **2. COMPOSITION/INFORMATION ON INGREDIENTS**

<u>PRODUCT COMPOSITION</u>	<u>CAS REG NO.</u>	<u>WGT. %</u>
----------------------------	--------------------	---------------

### **A. HAZARDOUS**

### **B. NON-HAZARDOUS**

Vinyl stopped Polydimethylsiloxane	68083-18-1	60 - 90 %
Silica	7631-86-9	10 - 30 %
Dimethylpolysiloxane	70131-67-8	1 - 5 %
Water	7732-18-5	1 - 5 %

## **3. HAZARDS IDENTIFICATION**

### **EMERGENCY OVERVIEW**

**CAUTION:** May cause eye irritation. May generate formaldehyde at temperatures greater than 150 C(300F). See Section 3 of MSDS for details.

Form: Solid      Colour: White      Odour: None.

### **POTENTIAL HEALTH EFFECTS**

**INGESTION:** None known.

**SKIN:** Plant experience has shown that skin hazard is not applicable in this form.

INHALATION: None known.  
 EYES: May cause mild eye irritation.  
 MEDICAL CONDITIONS AGGRAVATED: None known.  
 SUBCHRONIC (TARGET ORGAN): None known.  
 CHRONIC EFFECTS / CARCINOGENICITY: This product or one of its ingredients present 0.1% or more is NOT listed as a carcinogen or suspected carcinogen by NTP, IARC, or OSHA.  
 ROUTES OF EXPOSURE: None known.  
 OTHER: This product contains methylpolysiloxanes which can generate formaldehyde at approximately 300 degrees Fahrenheit (150'C) and above, in atmospheres which contain oxygen. Formaldehyde is a skin and respiratory sensitizer, eye and throat irritant, acute toxicant, and potential cancer hazard. An MSDS for formaldehyde is available from GE Silicones.

#### **4. FIRST AID MEASURES**

INGESTION: Do not induce vomiting. If victim is conscious, give 1-3 glasses of water to drink. Never give anything by mouth to an unconscious person. Get medical attention if irritation persists.  
 SKIN: Wash off with soap and water.  
 INHALATION: Move person to fresh air. Seek medical attention if symptoms of exposure develop.  
 EYES: In case of contact, immediately flush eyes with plenty of water for at least 15 minutes and get medical attention if irritation persists.  
 NOTE TO PHYSICIAN: None known.

#### **5. FIRE-FIGHTING MEASURES**

##### **FLASH POINT**

METHOD: N/A  
 IGNITION TEMPERATURE: Unknown  
 FLAMMABLE LIMITS IN AIR - LOWER (%): NA  
 FLAMMABLE LIMITS IN AIR - UPPER (%): NA

SENSITIVITY TO MECHANICAL IMPACT: No

SENSITIVITY TO STATIC DISCHARGE: Sensitivity to static discharge is not expected.

EXTINGUISHING MEDIA: All standard firefighting media

SPECIAL FIRE FIGHTING PROCEDURES: Firefighters must wear NIOSH/MSHA approved positive pressure self-contained breathing apparatus with full face mask and full protective clothing.

## **6. ACCIDENTAL RELEASE MEASURES**

### **ACTION TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED**

Wipe, scrape or soak up in an inert material and put in a container for disposal. Wear proper protective equipment as specified in the protective equipment section.

## **7. HANDLING AND STORAGE**

### **STORAGE**

### **PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE**

Use only in area provided with appropriate exhaust ventilation. Avoid contact with eyes.  
Keep away from children. Curing releases vapours which may be harmful.

## **8. EXPOSURE CONTROLS / PERSONAL PROTECTION**

ENGINEERING CONTROLS:	Eyewash stations
RESPIRATORY PROTECTION:	If exposure limits are exceeded or respiratory irritation is experienced, NIOSH/MSHA approved respiratory protection should be worn. Supplied air respirators may be required for non-routine or emergency situations. Respiratory protection must be provided in accordance with OSHA regulations (see 29CFR 1910.134).
PROTECTIVE GLOVES:	Cloth gloves.
EYE AND FACE PROTECTION:	Safety glasses
OTHER PROTECTIVE EQUIP.:	Wear suitable protective clothing and eye/face protection.

### **Exposure Guidelines**

<u>Component</u>	<u>CAS RN</u>	<u>Source</u>	<u>Value</u>
------------------	---------------	---------------	--------------

Absence of values indicates none found

PEL - OSHA Permissible Exposure Limit; TLV - ACGIH Threshold Limit Value; TWA - Time Weighted Average

OSHA revoked the Final Rule Limits of January 19, 1989 in response to the 11th Circuit Court of Appeals decision (AFL-CIO v. OSHA) effective June 30, 1993. See 29 CFR 1910.1000 (58 FR 35338).

## **9. PHYSICAL AND CHEMICAL PROPERTIES**

BOILING POINT - C & F:	NA
VAPOR PRESSURE (20 C) (MM HG):	NEG
VAPOR DENSITY (AIR=1):	Negligible
FREEZING POINT:	NA
MELTING POINT:	NA
PHYSICAL STATE:	Solid
ODOR:	None
COLOR:	White
EVAPORATION RATE (BUTYL ACETATE=1):	Negligible
SPECIFIC GRAVITY (WATER=1):	Unknown
DENSITY (KG/M3):	Unknown
ACID / ALKALINITY (MEQ/G):	Unknown
pH:	NA
VOLATILE ORGANIC CONTENT (VOL):	Unknown
SOLUBILITY IN WATER (20 C):	Insoluble

SOLUBILITY IN ORGANIC SOLVENT (STATE SOLVENT): Unknown  
VOC EXCL. H2O & EXEMPTS (G/L): No data

### **10. STABILITY AND REACTIVITY**

STABILITY: Stable  
HAZARDOUS POLYMERIZATION: Will not occur  
HAZARDOUS THERMAL DECOMPOSITION/  
COMBUSTION PRODUCTS carbon dioxide (CO<sub>2</sub>); formaldehyde; Carbon monoxide; Silicon dioxide.  
INCOMPATIBILITY (MATERIALS TO AVOID): None known.  
CONDITIONS TO AVOID: None known.

### **11. TOXICOLOGICAL INFORMATION**

ACUTE ORAL: Unknown  
ACUTE DERMAL: Unknown  
ACUTE INHALATION: Unknown  
OTHER: None.  
SENSITIZATION  
SKIN IRRITATION  
EYE IRRITATION  
MUTAGENICITY: Unknown

### **12. ECOLOGICAL INFORMATION**

ECOTOXICOLOGY: No data available  
CHEMICAL FATE: No data available  
DISTRIBUTION: No data available

### **13. DISPOSAL CONSIDERATIONS**

DISPOSAL METHOD: Disposal should be made in accordance with federal, state and local regulations.

### **14. TRANSPORT INFORMATION**

Not regulated if Section is Blank

### **15. REGULATORY INFORMATION**

#### **US Regulatory Information**

#### **CERCLA**

<b><u>PRODUCT COMPOSITION</u></b>	<b><u>Chemical</u></b>	<b><u>CERCLA Reportable Quantity</u></b>
-----------------------------------	------------------------	--

CLEAN AIR ACT

CLEAN WATER ACT

SARA SECTION 302

SARA (311,312) HAZARD CLASS

None.

SARA (313) CHEMICALS

**Canadian Regulatory Information**

WHMIS HAZARD CLASS: D2A VERY TOXIC MATERIALS

**Other**

SCHDLE B/HTSUS:

ECCN:

CALIFORNIA PROPOSITION 65: This product does not contain any chemicals known to State of California to cause cancer, birth defects or any other harm.

**16. OTHER INFORMATION**

**OTHER**

C = ceiling limit NEGL = negligible EST = estimated NF = none found NA = not applicable UNKN = unknown NE = none established REC = recommended ND = none determined V = recommended by vendor By-product = reaction by-product; TSCA inventory status not required under 40 CFR part 720.30(h-2) SKN = skin TS = trade secret R = recommended MST = mist ST = short term exposure limit NT = not tested ppm = parts per million ppb = parts per billion.

These data are offered in good faith as typical values and not as product specifications. No warranty, either expressed or implied, is made. The recommended industrial hygiene and safe handling procedures are believed to be generally applicable. However, each user should review these recommendations in the specific context of the intended use and determine whether they are appropriate.