

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 CM8 3SX, UK	Fax: 01376 500581
Information sector:	Technical Department	Tel: 01376 500582
Emergency information:	Technical Department	
Emergency e-mail:	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:
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NFPA

Flammability: 1	Reactivity: 0	Health: 1	Special Haz.:
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2. COMPOSITION/INFORMATION ON INGREDIENTS

PRODUCT COMPOSITION	CAS REG NO.	WGT. %
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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.
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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
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SENSITIVITY TO STATIC DISCHARGE:	Sensitivity to static discharge is not expected.
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EXTINGUISHING MEDIA:	All standard firefighting media
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SPECIAL FIRE FIGHTING PROCEDURES:	Firefighters must wear NIOSH/MSHA approved positive pressure self-contained breathing apparatus with full face mask and full protective clothing.
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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>
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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 (CO2); 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.
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14. TRANSPORT INFORMATION

Not regulated if Section is Blank

15. REGULATORY INFORMATION

US Regulatory Information

CERCLA

PRODUCT COMPOSITION	Chemical	CERCLA Reportable Quantity
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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.