



MS329015

## NOGENOL TEMPORARY CEMENT - ACCELERATOR MATERIAL SAFETY DATA SHEET

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### SECTION 1

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**TRADE NAME:** NOGENOL TEMPORARY CEMENT - ACCELERATOR

**CHEMICAL NAME:** N.A.

**PRODUCT USE:** Dental Impression Material

*The following information is provided with regard to the toxicity and hazards of the pure components present in this portion of the unmixed two-paste system.*

### SECTION 2 - HAZARDOUS INGREDIENTS/IDENTITY INFORMATION

COMPONENT	C.A.S.	EXPOSURE LIMITS	LD50/LC50	%
Vegetable Oil	Not listed	TWA=15mg/m <sup>3</sup> (as mist) (ACGIH)	N.E.	10-15
Zinc Oxide	1314-13-2	TLV=10mg/m <sup>3</sup> (dust) PEL=5mg/m <sup>3</sup> (fume)	LD50=7.9g/kg (oral rat) LC50=N.E.	85-100

### SECTION 3 - PHYSICAL/CHEMICAL PROPERTIES

<b>BOILING POINT:</b> N.E.	<b>SPECIFIC GRAVITY (H<sub>2</sub>O = 1):</b> N.E.
<b>VAPOR PRESSURE:</b> N.E.	<b>MELTING POINT:</b> N.E.
<b>VAPOR DENSITY:</b> N.E.	<b>EVAPORATION RATE:</b> N.E.
<b>SOLUBILITY IN WATER:</b> N.E.	<b>ODOR THRESHOLD:</b> N.E.
<b>COEFFICIENT OF OIL/WATER DISTRIBUTION:</b> N.E.	<b>APPEARANCE AND ODOR:</b> White odorless paste

### SECTION 4 - FIRE AND EXPLOSION HAZARD DATA

**FLASH POINT:** N.E.

**FLAMMABLE LIMITS:** N.E.

**EXTINGUISHING MEDIA:** Dry chemical foam, carbon dioxide

**SPECIAL FIRE FIGHTING PROCEDURES:** Wear full protective gear including NIOSH approved self-contained breathing apparatus.

**UNUSUAL FIRE AND EXPLOSION HAZARDS:** Contains Zinc Oxide, which when heated to very high temperatures decomposes to produce toxic fumes.

**HAZARDOUS COMBUSTION PRODUCTS:** N.E.

### SECTION 5 - REACTIVITY DATA

**STABILITY:** Stable  Unstable   
**POLYMERIZATION:** Will Not Occur  Will Occur

**CONDITIONS TO AVOID:** High heat

**INCOMPATIBILITY (MATERIALS TO AVOID):** Avoid chlorinated rubber, magnesium, strong acids and bases.

**HAZARDOUS DECOMPOSITION OR BY-PRODUCTS:** N.E.

**SECTION 6 - HEALTH HAZARD DATA and FIRST AID INFORMATION**

	YES	NO	N.E.	N.A.	NTP	IARC	OSHA	OTHER
MUTAGENIC AFFECTS		X						
TERATOGENIC AFFECTS		X						
REPRODUCTIVE TOXIN		X						
CARCINOGENICITY		X						
SENSITIZER		X						

ROUTES OF ENTRY: Inhalation  Skin  Ingestion

**HEALTH HAZARD (Acute and Chronic):** Contact may be slightly irritating to eyes or skin. No cumulative effects known for long-term exposure. Dermatitis can occur in cases where there is prolonged exposure to zinc oxide dust.

**SIGNS AND SYMPTOMS OF OVEREXPOSURE:** Minor lung irritation, stomach cramps, nausea, fever.

**CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE:** N.E.

**EMERGENCY FIRST AID PROCEDURES:**

**INHALATION:** Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Seek immediate medical attention.

**INGESTION:** Give several glasses of water. If large amounts were swallowed, seek medical attention.

**SKIN CONTACT:** Wash with soap and water. If irritation persists or develops, seek medical attention.

**EYE CONTACT:** Flush with water for 15 minutes. If irritation persists or develops, seek medical attention.

**SECTION 7 - PRECAUTIONS FOR SAFE HANDLING AND USE**

**IN CASE OF RELEASE OR SPILL:** Scrape up and discard

**WASTE DISPOSAL METHOD:** Follow all government regulations.

**STORAGE, HANDLING, AND SPECIAL PRECAUTIONS:** Store in a cool, dry place.

**SECTION 8 - CONTROL MEASURES**

**RESPIRATORY PROTECTION:** Reduce exposure in accordance with good hygiene practice. If exposure limits are exceeded, use MSHA-NIOSH approved respirators for dusts, mists, fumes.

**VENTILATION:** Local Exhaust: Recommended Mechanical: N.A. Special: N.A. Other: N.A.

**PROTECTIVE GLOVES:** Recommended

**EYE PROTECTION:** Safety glasses recommended.

**OTHER PROTECTIVE CLOTHING OR EQUIPMENT:** Eye wash station

**WORK/HYGIENIC PRACTICE:** Avoid contact with clothing; may stain.

**SECTION 9- PREPARATION INFORMATION**

*This data is supplied to comply with OSHA Hazard Communication Standard 29 CFR 1910,1200 and W.H.M.I.S. CPR*

**DATE:** 09 January 2006

**REVIEWED:** 23 January 2009

N.A. = NOT APPLICABLE  
N.E. = NOT ESTABLISHED

*The information herein is given in good faith but no warranty expressed or implied is made.*

FIRE - 0 TOXICITY - 1 NFPA REACTIVITY - 0 SPECIAL -