

# Material Safety Data Sheet

## Non-Eugenol Temporary Cement

DE Healthcare Ltd.

### 1. Identification of the substance/preparation and of the company/undertaking

- **Product name** : DE Non-Eugenol Temporary Cement (40g base, 14g catalyst), REF 9792276
- **Supplier** : DE Healthcare Ltd.  
Unit 9, Kingsthorpe Business Centre, Studland Road  
Kingsthorpe, Northampton NN2 6NE, U.K.
- **Contact** Tel.: +44 (0) 1634 49 266 056 / info@dehpbrand.com
- **Emergency #:** Chemtrec US: (800) 424-9300 / International: 001 703-527-3887

### 2. Composition/information on ingredients

#### Information on ingredients

Chemical name	CAS No.	w/w %	EC Number	Symbol	R-Phrases
<b>- Base</b>					
Zinc Oxide	1314-13-2	84.95	2152225		
Olive Oil	8001-25-0	10	2322770		
Mineral Oil	8042-47-5	5	2324558		
Pigment	1309-37-1	0.05	2151682		
<b>- Catalyst</b>					
Rosin	8050-09-7	65	2324757		
Nonanoic Acid	112-05-0	35	2039312		

### 3. Hazards identification

- **Physical/chemical hazards** : None
- **Human health hazards** : (Acute and Chronic)  
Contact may be slightly irritating to eyes or skin. No cumulative effects know for long-term exposure. Dermatitis can occur in cases where there is prolonged exposure to zinc oxide dust.
- **Environmental hazards** : None

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### - Label elements

\* GHS label elements

The product is classified and labeled according to the Globally Harmonized System(GHS)

\* Hazard Pictograms



GHS05



GHS07



GHS08



GHS09

\* Signal word: Danger

\* Hazard-determining components of labeling:

Rosin, Nonanoic acid, Zinc oxide, Mineral oil

### 4. First aids measures

- **Inhalation** : Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Seek medical attention.
- **Ingestion** : Give several. Glasses of water. If large amounts were swallowed, seek medical attention.
- **Skin contact** : Wash with soap and water.
- **Eye contact** : Flush with water for 15 minutes. If irritation persists or develops, seek medical attention.

### 5. Fire fighting measures

#### Extinguishing media

- **Suitable** : Carbon Dioxide, Dry Chemical
- **Not suitable** : N/A
- **Special fire fighting procedures** : Water is not an effective agent. Wear full protective gear including NIOSH Approved self-contained breathing apparatus.
- **Unusable fire/explosion hazards** : Contains Zinc Oxide, which when heated to very high temperatures decomposes to produce toxic fumes.
- **Hazardous thermal (de)composition products** : N/E
- **Protection of fire fighters** : None

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### 6. Accidental release measures

- **Personal precautions** : None
- **Environmental precautions** : None
- **Methods for cleaning up** : N/A

### 7. Handling and storage

- **Handling** : Observe good handling practices based on hazard information listed.
- **Storage** : Keep tube cap tightly closed. Store in cool dry place.

### 8. Exposure controls/personal protection

- **Precautions for use** : None
- **Respiratory protection** : Reduce exposure in accordance with good hygiene practice. If exposure limits are exceeded, use MSHA-NIOSH approved respirator for dusts, mists, fumes.
- **Skin and body** : Wear suitable protective clothing
- **Hands** : Wear suitable gloves
- **Eyes** : Safety glasses

### 9. Physical and chemical properties

- |   |  |
|---|--|
| - <b>Physical state</b> : Paste                   | - <b>Solubility in water</b> : Insoluble |
| - <b>Color</b> : Brown & yellow                   | - <b>pH</b> : N/E                        |
| - <b>Odor</b> : Odorless                          | - <b>Flash point</b> : Not-regulated     |
| - <b>Boiling point</b> : N/E                      | - <b>Autoignition temperature</b> : N/E  |
| - <b>Melting point</b> : N/E                      | - <b>Lower explosion limit</b> : N/E     |
| - <b>Vapor pressure</b> : N/E                     | - <b>Upper explosion limit</b> : N/E     |
| - <b>Specific gravity(H<sub>2</sub>O=1)</b> : 2.0 | - <b>Viscosity</b> : N/E                 |

### 10. Stability and reactivity

- **Stability** : Stable
- **Condition to avoid** : High temperature
- **Materials to avoid** : Acid, Oxidizers
- **Hazardous reactions** : None
- **Hazardous decomposition products** : N/A

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### 11. Toxicological information

- Acute toxicity : N/A
- Primary effects to skin : Not a primary dermal irritant
- Primary effects to eyes : Not an ocular irritant
- Primary effects to respiratory system : Not an acute inhalation hazard
- Sensitization : N/A
- Additional toxicological info : N/A

### 12. Ecological information

- General information : N/A
- Classification of water endangerment : N/A

### 13. Disposal considerations

- Product : Follow all government regulations

### 14. Transport information

- |   |   |
|---|---|
| <ul style="list-style-type: none"> <li>- DOT shipping name : Not-regulated</li> <li>- DOT hazard class : Not-regulated</li> <li>- UN number : N/A</li> <li>- <u>Sea transport IMDG/GGV sea class</u> : N/A</li> <li>- UN number : N/A</li> <li>- EmS number : N/A</li> <li>- MFGA number : N/A</li> </ul> | <ul style="list-style-type: none"> <li>- <u>Air transport ICAO-Ti and IATA-DGR class</u> : N/A</li> <li>- UN number : Not-regulated</li> <li>- UN number : N/A</li> </ul> |
|---|---|

### 15. Regulatory information

- TSCA Inventory Status : This product and/or all of its components are included on the TSCA Inventory of Chemical Substances.
- SARA 311/312 hazard Categories : None
- SARA 302 extremely hazardous substances : None

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<b>- SARA 313 toxic chemicals</b>	<b><u>Chemical name</u></b>	<b><u>CAS-No.</u></b>	<b><u>Weight %</u></b>
	None		
<b>- Classification according to EEC Guidelines</b>		: N/A	
<b>- Classification according to VBF</b>		: N/A	
<b>- Canadian regulations require the inclusion of the following statements under “Regulatory Information”; “This product has been classified in accordance with the hazard criteria of the controlled Products Regulations and the MSDS contains all the information required by the Controlled Products Regulations.”</b>			

### 16. Other information

The information contained in the Safety data sheet is correct to the best of our knowledge at the date of issue. It is intended as a guide for the safe use, handling, disposal, storage and transportation and is not intended as warranty or as a specification. The information relates only to the product specified and may not be suitable for combinations with other materials or in processes other than those specifically described herein.

#### **HISTORY**

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