

**MATERIAL SAFETY DATA SHEET**

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**HAZARD RATINGS**

|  |                |   |          |
|--|----------------|---|----------|
|  | HEALTH         | 0 | MINIMAL  |
|  | FLAMMABILITY   | 1 | SLIGHT   |
|  | REACTIVITY     | 2 | MODERATE |
|  | SPECIAL NOTICE | 3 | SERIOUS  |
|  |                | 4 | EXTREME  |

(ACCORDING TO THE NFPA TABLES)

**SECTION I – IDENTIFICATION OF SUBSTANCE**

|                                |   |
|--------------------------------|---|
| <b>PRODUCT NAME:</b>           | TEMPORARY CEMENT (LIQUID)                       |
| <b>DESCRIPTION OF PRODUCT:</b> | TEMPORARY CEMENT, FOR DENTAL PROFESSIONALS ONLY |

**SECTION II – COMPOSITION /DATA ON COMPONENTS**

| INGREDIENTS | %     | CAS.NO.   |
|-------------|-------|-----------|
| EUGENOL     | 40-50 | 97-53-0   |
| ROSIN LUMP  | 30-40 | 8050-09-7 |

(NO DANGEROUS COMPONENTS)

**SECTION III – HAZARD IDENTIFICATION**

|   |                                     |
|---|-------------------------------------|
| EMERGENCY OVERVIEW: MATERIAL MAY BE IRRITATING TO EYES. NO SIGNIFICANT HAZARDS FOR EMERGENCY RESPONSES ARE KNOWN. |                                     |
| HAZARD DESCRIPTION  | SLIGHT IRRITATING TO EYES AND SKIN. |

**SECTION IV – FIRST AID MEASURES**

|            |  |
|------------|--|
| SKIN       | IMMEDIATELY WASH WITH SOAP AND WATER AND RINSE THOROUGHLY.   |
| EYE        | RINSE OPENED EYE FOR SEVERAL MINUTES UNDER RUNNING WATER. IF SYMPTOMS PERSIST, SEEK MEDICAL ATTENTION. |
| INHALATION | SUPPLY FRESH AIR; SEEK MEDICAL ATTENTION IF SYMPTOMS PERSIST.  |
| INGESTION  | RINSE MOUTH OUT AND THEN DRINK PLENTY OF WATER. IF SYMPTOMS PERSIST, SEEK MEDICAL ATTENTION.           |

**SECTION V – FIRE FIGHTING MEASURES**

|                               |  |
|-------------------------------|--|
| EXTINGUISHING MEDIA           | WATER SPRAY, DRY CHEMICAL, CARBON DIOXIDE. |
| EXTINGUISHING MEDIA TO AVOID: | WATER WITH FULL JET.                       |

|   |   |
|---|---|
| FLASPOINT METHOD:                           | NOT APPLICABLE  |
| PROTECTION AND PROCEDURES FOR FIREFIGHTERS: | FIREFIGHTERS SHOULD WEAR SELF-CONTAINED RESPIRATORY PROTECTIVE DEVICES.       |
| UNUSUAL FIRE AND EXPLOSION HAZARDS:         | DURING A FIRE, FORMATION OF TOXIC AND/OR IRRITATING COMPOUNDS MAY BE PRESENT. |

**SECTION VI – ACCIDENTAL RELEASE MEASURES**

|              |  |
|--------------|--|
| SPILLS/LEAKS | ABSORB SPILL WITH INERT MATERIAL (E.G. VERNICULITE, SAND OR EARTH), THEN PLACE IN AN APPROPRIATE WASTE DISPOSAL. FINISH CLEANING BY SPREADING WATER ON THE CONTAMINATED SURFACE AND DISPOSE OF ACCORDING TO LOCAL AND REGIONAL AUTHORITY REQUIREMENTS. |
|--------------|--|

**SECTION VII – HANDLING AND STORAGE**

|                                  |   |
|----------------------------------|---|
| HANDLING PRACTICES AND WARNINGS: | PRODUCT IS INTENDED FOR DENTAL USE ONLY. HANDLING OF THIS PRODUCT SHOULD BE BY TRAINED DENTAL HEALTHCARE PROFESSIONALS ONLY.  |
| STORAGE PRACTICES AND WARNINGS:  | STORE ONLY IN THE ORIGINAL PACKAGE. KEEP PACKAGE TIGHTLY SEALED. STORE IN A DRY AREA. STORE AWAY FROM FOOD AND BEVERAGES. PROTECT FROM EXCESSIVE HEAT AND COLD AND DIRECT SUNLIGHT. |

**SECTION VIII – EXPOSURE CONTROLS / PERSONAL PROTECTION**

|                 |                           |
|-----------------|---------------------------|
| EYE /FACE       | SAFETY GLASSES (PATIENT). |
| SKIN            | GLOVES                    |
| INHALATION      | NOT REQUIRED.             |
| BODY PROTECTION | PROTECTIVE WORK CLOTHING. |

**SECTION IX – PHYSICAL AND CHEMICAL PROPERTIES**

|                |        |                         |                              |
|----------------|--------|-------------------------|------------------------------|
| APPEARANCE:    | LIQUID | ODOR:                   | OIL OF CLOVES                |
| COLOR:         | AMBER  | SPECIFIC GRAVITY:       | 1.04 -1.08 g/cm <sup>3</sup> |
| MELTING POINT: | N/A    | VAPOR PRESSURE (mm Hg): | N/A                          |
| pH:            | N/A    | SOLUBILITY IN WATER:    | N/A                          |

**SECTION X– STABILITY AND REACTIVITY**

|            |                       |
|------------|-----------------------|
| STABILITY: | THE PRODUCT IS STABLE |
|------------|-----------------------|

|   |   |
|---|---|
| INCOMPATIBILITY (MATERIALS TO AVOID):             | STRONG OXIDIZING AGENTS.                    |
| HAZARDOUS PRODUCTS PRODUCED DURING DECOMPOSITION: | FORMS CARBON MONOXIDE AND/OR CARBON DIOXIDE |
| CONDITIONS TO AVOID                               | NONE KNOWN                                  |

### SECTION XI – TOXICOLOGICAL INFORMATION

TOXICITY DATA, EPIDEMIOLOGY STUDIES, CARCINOGENICITY, NEUROLOGICAL EFFECTS, GENETIC EFFECTS, REPRODUCTIVE EFFECTS, OR STRUCTURE ACTIVITY DATA:  
NOT APPLICABLE

EMERGENCY OVERVIEW: MATERIAL MAY BE MILDLY IRRITATING TO EYES.

| ROUTES OF EXPOSURE | SINGNS AND SYMPTOMS   | SINGLE, REPEATED OR LIFETIME EXPOSURE | SEVERITY (MILD, MODERATE, SEVERE) | ACUTE AND CHRONIC HEALTH EFFECT (S)   | TARGET ORGAN (S) |
|--------------------|---|---------------------------------------|-----------------------------------|---|------------------|
| EYE                | MATERIAL MAY CAUSE SLIGHT TRANSIENT (TEMPORARY) IRRITATION        | SINGLE AND REPEATED                   | MILD                              | IRRITATION AND POSSIBLE CORNEAL DAMAGE DUE TO THE FILLERS USED IN THE PRODUCT | NOT APPLICABLE   |
| SKIN               | MATERIAL MAY BE AN IRRITANT AFTER REPEATED AND PROLONGED EXPOSURE | REPEATED                              | MILD                              | IRRITATION OR POSSIBLE ALLERGIC RESPONSE                                      | NOT APPLICABLE   |
| INHALATION         | NOT APPLICABLE  | NOT APPLICABLE                        | NOT APPLICABLE                    | NOT APPLICABLE  | NOT APPLICABLE   |
| INGESTION          | MATERIAL IS PROBABLY NOT HARMFUL IF SWALLOWED                     | NOT APPLICABLE                        | MILD                              | NOT APPLICABLE  | NOT APPLICABLE   |
| OTHER              | NOT APPLICABLE  | NOT APPLICABLE                        | NOT APPLICABLE                    | NOT APPLICABLE  | NOT APPLICABLE   |

### SECTION XII – ECOLOGICAL INFORMATION

TOXICITY DATA, ENVIROMENT FATE, PHYSICAL/CHEMICAL DATA, OR OTHER DATA SUPPORTING ENVIRONMENTAL HAZARD STATEMENTS: WATER HAZARD CLASS I (SELF-ASSESSMENT): SLIGHTLY HAZARDOUS FOR WATER. DO NOT ALLOW PRODUCT TO REACH GROUND WATER, WATER STREAMS OR SEWAGE SYSTEM

### SECTION XIII – DISPONSAL CONSIDERATION

REGULATIONS: MUST NOT BE DISPOSED OF TOGETHER WITH HOUSEHOLD GARBAGE. DISPOSE OF MATERIAL AS SOLID WASTE IN A CLOSED CONTAINER.

DISPOSE OF IN ACCORDANCE WITH FEDERAL, STATE AND LOCAL REGULATIONS.

PROPERTIES (PHYSICAL/CHEMICAL) AFFECTING DISPOSAL: DISPOSE OF MATERIAL AS SOLID WASTE IN A CLOSED CONTAINER

### SECTION XIV – TRANSPORT INFORMATION

(ACCORDING OF CODE OF FEDERAL REGULATION TO TRANSPORTATION N°49)

### SECTION XV – REGULATORY INFORMATION

THIS PRODUCT IS A MEDICAL DEVICE AND NOT SUBJECT TO CHEMICAL NOTIFICATION REQUIREMENTS.  
REGULATED FOR SHIPPING: NOT REGULATED

### SECTION XVI – OTHER INFORMATION

**THE SAFETY DATA SHEET IS REVISED IN ORDER TO:** THE INFORMATION IN THIS SAFETY DATA SHEET IS BASED UPON OUR PRESENT KNOWLEDGE. THE INFORMATION IS PRESENTED WITH THE INTENTION OF DISCRIBING THE SAFEST WAY OF HANDLING THE PRODUCT. THE SAFETY DATA SHEET IS THEREFORE NOT TO BE REGARDED AS A COMPLETE CHEMICAL DESCRIPTION OF THE PRODUCT.

\* N/E: NOT ESTABLISHED, N/A: NOT AVAILABLE, N/R: NOT REGULATED BY IARC