

Product Name: RC SOFT

SECTION 1: Identification of the substance/preparation and of the company/undertaking

1.1- Product Identification

Product Name : RC Soft
Product Code : RST
Product Description : Softening liquid for epoxy-based cement
Packing Available : 15 ml

1.2- Relevant identified uses of the substance or mixture and uses advised against

Relevant identified uses : Softening liquid for epoxy-based cement. Used by dental professional only. For dental use only.

1.3- Details of the supplier of the safety data sheet

Manufacturer : Prime Dental Products Pvt Ltd.
Address : Plot No. A-148, Road No. 24, MIDC, Wagle Industrial Estate, Thane
(West)- 400604, Maharashtra, India
Email : info@prime-dental.in
Web : www.prime-dental.in

1.4- Emergency contact details

Telephone : +919272235922 / +919272235925

SECTION 2: Composition/information on ingredients

2.1- Mixture

| Component | C.A.S. | EINECS | Classification* | Weight% | LD50 |
|------------------|---------------|---------------|------------------------|----------------|--------------------------|
| Formamide | 75-12-7 | 200-842-0 | R22, 36 | 50-100 | Oral (Rat): 5,570 mg/kg. |
| 2-phenylethanol | 60-12-8 | 200-456-2 | R22, 36 | 25-50 | Oral (Rat): 1,790 mg/kg. |

*For wording of the listed 'R' phrases and 'H' statements see section 16

SECTION 3: Identification of Hazards

3.1- Hazard Description: 'T'- Toxic

3.2- Information concerning to particular hazards to man and environment

The product does not have to be labelled due to the calculation procedure of the "General Classification guideline for preparations of the EU" in the latest valid version.

R22- Harmful if swallowed

R36- Irritating to eyes

3.3- Classification system

The classification is according to the latest editions of the EU-lists and extended by company and literature data.

SECTION 4: First aid measures

4.1- Description of first aid measures

General information: Immediately remove any clothing soiled by the product. Symptoms of poisoning may even occur after several hours; therefore, medical observation for at least 48 hours after the accident.

Contact with skin: Wash with soap and water. Get medical attention if irritation develops or persists.

Contact with eyes: Flush eyes with plenty of water. Get medical attention, if irritation persists.

Ingestion: For small amounts give milk of magnesia or a glass or two of water or milk. Consult a physician if ingested in large amounts.

Inhalation: Supply fresh air. Get medical attention if uncomfortable

SECTION 5: Fire-Fighting Measures

5.1- Recommended extinguishers: CO₂, powder or water spray. Fight large fires with water spray or alcohol resistance foam

5.2- Extinguishers not to be used: No data available.

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5.3- Risks arising from combustion: Avoid inhaling the fumes.

5.4- Protective equipment: Wear self-contained respiratory protective device.

SECTION 6: Accidental Release Measures

6.1 Measures for personal safety: Use protective solvent resistant gloves to avoid contact with skin

6.2 Measures for environmental protection: Do not allow product to reach sewage system or any water courses.

6.3 Measures for cleaning/collecting: Small spills can be wiped up with vermiculite or other suitable absorbent material and removed to an approved disposal container. Large spills should be absorbed by dirt, sand, or other suitable absorbents for disposal.

SECTION 7: Handling and Storage

7.1-Handling product: Is intended for dental use only.

7.2- Information for safe handling: No special measures required. Observe normal care for working with chemicals.

7.3- Information about fire and explosion protection: See section 5.4.

7.4- Storage requirements to be met by storerooms and receptacles: Store only in the original receptacle.

7.5- Information about storage in one common storage facility: Not required.

7.6- Further information about storage conditions: Protect from heat and direct sunlight. No Smoking. Eliminate any source of ignition.

SECTION 8: Exposure Controls/Personal Protection

8.1- Additional information about design of technical facilities:

Formamide: WEL (Great Britain)-

Short term value- 56 mg/m³, 30ppm.

Long term value- 37 mg/m³, 30ppm.

8.2- Personal protective equipment:

a. Respiratory protection : In case of brief exposure or low pollution use respiratory filter device. In case of intensive or longer exposure use self-contained respiratory protective device.

b. Protection of hands : Rubber glove

c. Eye protection : Safety glasses

d. Body protection : Protective work clothing

SECTION 9: Physical and Chemical Properties

9.1- Physical Properties:

Form : Liquid

Color : Clear to Yellowish

Odour : No data available

9.2- Chemical Properties:

Melting point/Melting range : Undetermined

Boiling point/Boiling range : Undetermined

Ignition temperature : Undetermined

Flash point : Undetermined

Self-igniting : Product is not self-igniting.

Danger of explosion : Stable under ordinary conditions

Density : Undetermined

Solubility in / Miscibility with Water : Not miscible

SECTION 10: Stability and Reactivity

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10.1- Thermal decomposition / conditions to be avoided: No decomposition if used according to specifications.

10.2- Dangerous reactions: No dangerous reaction known

10.3 Dangerous decomposition products: Not known

SECTION 11: Stability and Reactivity

11.1- Acute toxicity

Formamide LD50 Oral (Rat): 5,570 mg/kg.

2-phenylethanol LD50 Oral (Rat): 1,790 mg/kg.

11.2- Primary irritant effect : Nil

11.3- On the skin : May cause skin irritation

11.4- On the eye : May cause irritating effect.

11.5- Sensitization : No sensitizing effects known.

SECTION 12: Ecological Information

Environmental data-

12.1- Environmental data: No data available. Contact Env. Dept.

SECTION 13: Disposal Consideration

13.1- Product Recommendation: Must not be disposed together with household garbage. Do not allow product to reach sewage system.

13.2- Uncleaned Packaging Recommendation: Disposal must be made according to official regulations.

SECTION 14: Transport Information

Shipping Classifications:

Proper Shipping Name: Toxic liquid, Organic, N.O.S. (2-phenylethanol)

UN Number: 2810

Hazard Class: 6.1

Packaging Group: III

14.1- Air (ICAO/IATA)

Primary Hazard Class/Division : No data available

14.2- Road (RID/ADR)

Primary Hazard Class/Division : No data available

14.3- Vessel (IMO/IMDG/RID/ADR)

Primary Hazard Class/Division : No data available

SECTION 15: Regulatory Information

15.1- Safety, health and environmental regulations/legislation specific for the substance or mixture

General comments : Please refer to Medical Devices Directive 93/42/EEC.

15.2- Chemical safety assessment : See Section 11

SECTION 16: Additional Information

16.1- 'R' phrases and 'H' statement:

R22- Harmful if swallowed

R36- Irritating to eyes

16.2- Prepared by: Tanay Thakkar

16.3- Manufacturer Disclaimer: For Dental Use Only, Use as directed.

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The information and recommendations are taken from sources (raw material MSDS(s) and manufacturer's knowledge) believed to be accurate; however, Prime Dental Products Pvt Ltd, makes no warranty with respect to the accuracy of the information or the suitability of the recommendation and assumes no liability to any user thereof. Each user should review these recommendations in the specific context of the intended use and determine whether they are appropriate.
