

ROYDENT Dental Products

Safety Data Sheet

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1. PRODUCT IDENTIFICATION

Trade Name (as labeled): Chemlock Cement
Chemical Name/Classification: Multi-purpose, chemical cure resin cement
Product Identifier (Part/Item Number): 701
U.N. Number: NA – Not Regulated
U.N. Dangerous Goods Classification: NA
Recommended Use: Dental cement
Restrictions on Use: For use by Dental Professionals only
Distributed by: Roydent Dental Products
Distributors Address: 608 Rolling Hills Dr., Johnson City, TN 37604
Distributor Telephone Number: 1-800-992-7767 (Product Information)
Emergency Contact Telephone Number: Chemtrec (800) -262-8200
Email address: Chemtrec@chemtrec.com

2. HAZARD(S) IDENTIFICATION

Hazard/Danger Classification:

Health	Environmental	Physical
R36/37/38, S24/25	NA	NA

Associated Hazards:

Hazard Statements	Precautionary Statements
NA	NA



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EU Classification: Not Regulated

EU Risk (R) and Safety (S) Phrases: R36/37/38, S24/25

Refer to Section 16 for the full text of the EU Classifications and R Phrases.

3. COMPOSITION AND INFORMATION ON INGREDIENTS

Hazardous Components	C.A.S. # EC#	IUPAC Name	Substance Classification	WT %
None Known	NA	NA	NA	NA

Refer to Section 16 for the full text of the GHS and H phrases and EU Classifications and R Phrases.

4. FIRST-AID MEASURES

Routes of Exposure	First Aid Instructions
Eye	Flush eyes with copious amounts of water for 15 minutes - Seek medical attention
Skin	Wash skin with soap and water
Inhalation	Move exposed person to fresh air - Seek medical attention
Ingestion	None expected with this product in normal conditions of use
Most important symptoms of exposure	Irritation
Other	na
Note to Physicians (Treatment, Testing, and Monitoring) Treat Symptomatically	

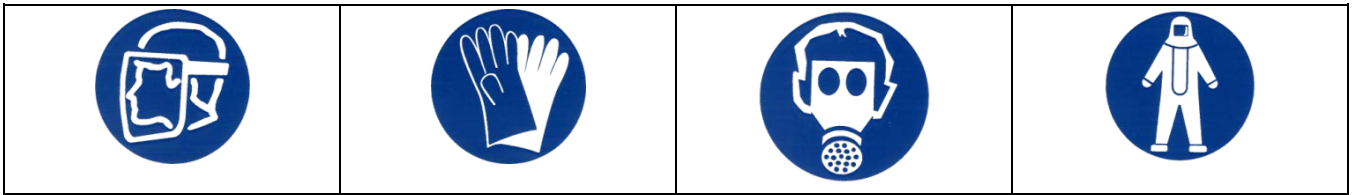
5. FIRE-FIGHTING MEASURES

Suitable Extinguishing Media:	Carbon dioxide, dry chemical, alcohol foam or water fog. Water spray may be used to keep exposed containers cool.
Fire Fighting Procedures:	A self-contained breathing apparatus should be worn by fire-fighting personnel. Cool exposed containers with water spray to prevent polymerization under fire conditions.
Specific Hazards Arising from the Chemical:	None Determined
Precautions for Fire Fighters:	None

Recommended Protective Equipment for Fire Fighters:

EYES/FACE	SKIN	RESPIRATORY	THERMAL
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6. ACCIDENTAL RELEASE MEASURES

Personal Precautions, PPE and Emergency Procedures: Safety Glasses/Goggles, Gloves

Environmental Precautions: None Determined

Methods and Materials for Containment and Clean-up: Dispose of material in accordance with federal, state and local regulations

Recommended Personal Protective Equipment for Containment and Clean-up:

EYES/FACE	SKIN
	 

7. HANDLING AND STORAGE

Precautions for Safe Handling: Safety Glasses/Goggles, Gloves

Conditions for Safe Storage: Avoid temperature extremes, contamination, moisture



8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Occupational Exposure Limits: Not determined

Biological Exposure Limits: Not Determined

Appropriate Engineering Controls: NA

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Individual Protection Measures (PPE) Specific Eye/face Protection: Safety Glasses/Goggles Specific Skin Protection: Protective Gloves Specific Respiratory Protection: Not Required Specific Thermal Hazards: None	
Recommended Personal Protective Equipment	
EYES/FACE	SKIN
	
Environmental Exposure Controls: Not Established	
General Hygiene Considerations and Work Practices: Wash hands after use	
Protective Measures During Repair and Maintenance of Contaminated Equipment: For small quantities (as in this product): Wear gloves and safety glasses. Pick up with absorbent material, such as paper or cloth, and collect for suitable disposal.	

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Thick White Liquid	Explosive limits:	NA
Odor:	Faint characteristic odor	Vapor pressure:	< 1 mm Hg
Odor threshold:	NA	Vapor density:	1
pH:	Not determined	Relative density:	NA
Melting/freezing point:	NA	Solubility:	NA
Initial boiling point and range:	NA	Partition coefficient: n-octanol/water:	NA
Flash point:	Not established	Auto-ignition temperature:	Not established
Evaporation rate:	NA	Decomposition temperature:	NA
Flammability:	Not established	Viscosity:	NA
Explosive Properties:	NA	Oxidizing Properties:	NA

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10. STABILITY AND REACTIVITY

Reactivity: NA

Chemical Stability: Stable

Possibility of Hazardous Reactions: None Known

Conditions to Avoid: Under fire conditions and with amounts greater than that supplied by this product, hazardous polymerization may occur with heat build-up and release of carbon monoxide, carbon dioxide, and oxides of nitrogen.

Incompatible materials: None Known

Hazardous Decomposition Products: None Known

11. TOXICOLOGICAL INFORMATION

Signs and Symptoms of Overexposure: Irritation

Emergency Overview: NA

Likely Routes of Exposure	Signs and Symptoms	Single, Repeated, or Lifetime Exposure	Severity (Mild, Moderate, Severe)	Acute and Chronic Health Effect(s)	Target Organ(s)	LD50 Testing Data (as applicable)	LC50 Testing Data (as applicable)
Eye:	Irritation	NA	NA	NA	NA	NA	NA
Skin:	Irritation	NA	NA	NA	NA	NA	NA
Inhalation:	Irritation	NA	NA	NA	NA	NA	NA
Ingestion:	NA	NA	NA	NA	NA	NA	NA
Other:	NA	NA	NA	NA	NA	NA	NA

Medical Conditions Aggravated by Exposure: None Known

Carcinogenicity: Not found to be carcinogenic

12. ECOLOGICAL INFORMATION

Toxicity: None Known

Persistence and Degradability: None Known

Bio-accumulative Potential: None Known

Mobility in Soil: Not Determine

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Other Adverse Effects: NA

Results of PBT/vPvB Assessment: NA

13. DISPOSAL CONSIDERATIONS

Regulations: None determined

Properties (Physical/Chemical) Affecting Disposal: NA

Waste Treatment Recommendations: None determined

14. TRANSPORT INFORMATION

UN Identification Number: NA

UN Proper Shipping Name: NA

Transport hazard class(es): NA

Packing Group: NA

Special precautions for user: NA



15. REGULATORY INFORMATION

U.S. Federal Regulations

Comprehensive Environmental Response and Liability Act of 1980 (CERCLA): NA

Toxic Substances Control Act (TSCA): NA

Clean Water Act (CWA): NA

Clean Air Act (CAA): NA

Superfund Amendments and Reauthorization Act (SARA) Title III Information: NA

SARA Section 311/312 (40 CFR 370) Hazard Categories: NA

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Immediate Hazard:	NA	Pressure Hazard:	NA
Delayed Hazard:	NA	Reactivity Hazard:	NA
Fire Hazard:	NA		

This product contains the following toxic chemical(s) subject to reporting requirements of SARA Section 313 (40 CFR 372):

Components	C.A.S. #	WT %
NA	NA	NA

State Regulations

California: This product contains the following chemicals(s) known to the State of California to cause cancer, birth defects or reproductive harm:

Components	C.A.S. #	WT %
NA	NA	NA

International Regulations

Canadian Environmental Protection Act: NA

Canadian Workplace Hazardous Materials Information System (WHMIS): D-2

European Inventory of Existing Chemicals (EINECS): NA

16. OTHER INFORMATION

Full text of Classification abbreviations used in Section 2 and 3:
 R36/37/38 Irritating to eyes, respiratory system and skin
 S24/25 Avoid contact with skin and eyes

Date of SDS Preparation/Revision: 08/14/2014 rev0

Data Sources: Supplier

The information presented herein is believed to be factual as it has been derived from the works of persons believed to be qualified experts. However, nothing contained in this information is to be taken as a warranty or representation for which Roydent Dental Products bears legal responsibility. The user should review any recommendations in the specific context of the intended use to determine whether they are appropriate