

## SAFETY DATA SHEET

### Section 1. Product And Company Identification

**Product Name:** Temp-Bond NE Catalyst

**Product Use:** Dental product: Temporary cement

**Manufacturer:** Kerr Corporation  
1717 W. Collins Ave.  
Orange, CA 92867-5422  
U.S.A.

**Australian Supplier:** **Kerr Australia Pty Limited**  
Unit 10, 112-118 Talavera Road  
North Ryde, NSW 2113  
Australia  
Telephone no.: 1 800 643 603  
Email general queries: [kavokerr.orders@kavokerr.com](mailto:kavokerr.orders@kavokerr.com)  
Email technical queries: [safety@kavokerr.com](mailto:safety@kavokerr.com)

**Information Phone Number:** 1-800-KERR-123 (in the US)

**Poisons Information Helpline:** 131126 (24 hours)

**SDS Date of Preparation/Revision:** August 24, 2018

### Section 2. Hazards Identification

**GHS Classification:**

Eye Damage Category 1

Skin Corrosion Category 1C

**Label Elements:**

Danger!



**Hazard Phrases**

H314 Causes severe skin burns and eye damage.

**Precautionary Phrases:**

P260 Do not breathe dust or vapors.

P264 Wash thoroughly after handling.

P280 Wear protective gloves, protective clothing, eye protection, and face protection.

P304+P340 IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.

P310 Immediately call a POISON CENTER or doctor.

P303+P361+P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water or shower.

P310 Immediately call a POISON CENTER or doctor.

P363 Wash contaminated clothing before reuse.

P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P310 Immediately call a POISON CENTER or doctor.

P301+P330+P331 IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.

P310 Immediately call a POISON CENTER or doctor.

P405 Store locked up.

P501 Dispose of contents and container in accordance with local and national regulations.

### Section 3. Composition/Information on Ingredients

Component	CAS No.	Amount
Octanoic acid	124-07-2	10-<30%

### Section 4. First Aid Measures

**Inhalation:** Immediately remove victim to fresh air. If breathing is difficult, oxygen should be administered by qualified personnel. If breathing has stopped, administer artificial respiration. Get immediate medical attention.

**Skin Contact:** Immediately flush skin with plenty of water for 15 minutes while removing contaminated clothing and shoes. Get immediate medical attention. Launder clothing before re-use. (Discard contaminated shoes).

**Eye Contact:** Immediately flush eyes thoroughly with large quantities of water for 20 minutes, while holding the eye lids open to be sure the material is washed out. Remove contact lenses if present and easy to do. Get immediate medical attention.

**Ingestion:** Do NOT induce vomiting. Rinse mouth with water. Never give anything by mouth to an unconscious or convulsing person. Keep the victim calm and warm. Get immediate medical attention.

**Most important symptoms and effects, acute and delayed:** May cause severe eye and skin irritation and burns. May cause severe irritation or burns to respiratory tract.

**Indication of immediate medical attention and special treatment, if needed:** Immediate medical attention is required for all routes of contact.

### Section 5. Fire Fighting Measures

**Suitable (and Unsuitable) Extinguishing Media:** Use any media appropriate for the surrounding fire. Cool fire exposed containers with water.

**Specific Hazards Arising from the Chemical:** This material is harmful to aquatic organisms. Fire water contaminated with this material must be contained and prevented from being discharged to any waterway, sewer or drain. Combustion may produce carbon oxides.

**Special Protective Equipment and Precautions for Fire-fighters:** Firefighters should wear positive pressure self-contained breathing apparatus and full protective clothing for fires in areas where chemicals are used or stored. Cool fire-exposed containers with water. Hazchem Code: 2Z

## Section 6: Accidental Release Measures

**Personal precautions, Protective equipment, and Emergency procedures:** Wear appropriate protective clothing and equipment. Prevent contact with eyes, skin and clothing. Avoid breathing dust from dried product.

**Environmental Precautions:** Avoid release to the environment. Report spill as required by local and federal regulations.

**Methods and Materials for Containment and Cleaning up:** For small spills, wipe up with a paper towel. For large spills, collect with an inert absorbent materials and place in appropriate containers for disposal.

## Section 7. Handling and Storage

**Precautions for Safe Handling:** Prevent contact with eyes, skin and clothing. Wear appropriate eye protection and gloves when handling (see Section 8). Avoid breathing dust from dried product. Use with adequate ventilation. Wash thoroughly with soap and water after handling. Remove and wash contaminated clothing before reuse.

Empty containers retain product residues which can be hazardous. Follow all SDS precautions when handling empty containers.

**Conditions for Safe Storage, Including any Incompatibilities:** Store in a cool, dry, well-ventilated area away from excessive heat. Keep containers tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabeled containers.

## Section 8. Exposure Controls / Personal Protection

### Exposure Limits

Chemical	Exposure Limit
Octanoic acid	None Established

**Appropriate Engineering Controls:** Use with adequate general or local exhaust ventilation to minimize exposures levels.

**Respiratory Protection** None needed under normal use conditions. In operations where exposure levels are exceeded, an approved dust/mist respirator or supplied air respirator should be used. Equipment selection depends on contaminant type and concentration. Select in accordance with applicable regulations and good industrial hygiene practice. For firefighting, use self-contained breathing apparatus.

**Hand protection:** Impervious gloves are recommended if contact is possible.

**Eye Protection:** Chemical safety goggles and face shield are recommended if contact is possible.

**Skin Protection:** Wear protective clothing as needed to avoid skin contact and contamination of personal clothing.

**Hygiene measures:** Suitable eye and skin washing facilities should be available in the work area.

## Section 9. Physical and Chemical Properties

<b>Appearance:</b>	Amber paste	<b>Odor:</b>	Fatty acid
<b>Odor Threshold:</b>	Not available	<b>pH:</b>	Not available
<b>Melting/Freezing Point:</b>	Not available	<b>Boiling Point/Range:</b>	Not available
<b>Flash Point:</b>	Not flammable	<b>Evaporation Rate:</b>	Not available
<b>Flammability: (Solid, Gas)</b>	Not applicable	<b>Flammability Limits:</b>	LEL: Not applicable UEL: Not applicable
<b>Vapor Pressure:</b>	Not available	<b>Vapor Density:</b>	Not available
<b>Relative Density:</b>	>1	<b>Solubilities:</b>	Insoluble in water
<b>Partition Coefficient: (N-Octanol/Water)</b>	Not available	<b>Autoignition Temperature:</b>	Not available
<b>Decomposition Temperature:</b>	Not available	<b>Viscosity:</b>	Not available

## Section 10. Stability and Reactivity

**Reactivity:** The product is not expected to be reactive.

**Chemical Stability:** Stable under normal storage and handling conditions.

**Possibility of Hazardous Reactions:** None known.

**Conditions to avoid:** Avoid excessive heat.

**Incompatible Materials:** None known.

**Hazardous decomposition products:** Thermal decomposition will produce carbon oxides.

## Section 11. Toxicological Information

### Potential Health Effects:

**Inhalation:** Inhalation of vapors or dust from dried product may cause severe irritation of the nose, mouth and upper respiratory tract.

**Skin Contact:** Direct contact with the paste may cause severe irritation and possible burns.

**Eye Contact:** Direct contact will cause severe irritation, pain, burns and possible permanent eye damage.

**Ingestion:** Swallowing large amounts of paste will cause immediate and severe burns of the mucous membranes of the mouth and gastrointestinal tract. May be fatal if swallowed.

**Skin corrosion/irritation:** Based on the Octanoic acid, this product is classified as corrosive to skin.

**Eye damage/ irritation:** Based on the Octanoic acid, this product is classified as corrosive to eyes.

**Skin Sensitization:** This product is not expected to cause skin sensitization.

**Respiratory Sensitization:** No data available. This product is not expected to cause respiratory sensitization.

**Germ Cell Mutagenicity:** None of the components are germ cell mutagens.

**Carcinogen:** None of the components are listed as a carcinogen or potential carcinogen by IARC, NTP or the EU CLP.

**Developmental / Reproductive Toxicity:** None of the components have been shown to cause reproductive or developmental effects.

**Specific Target Organ Toxicity (Single Exposure):** No data available.

**Specific Target Organ Toxicity (Repeated Exposure):** No data available.

**Aspiration Toxicity:** Not an aspiration hazard.

**Acute Toxicity Values:**

Octanoic acid: Oral rat LD50: >2000 mg/kg

<b>Section 12. Ecological Information</b>
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**Toxicity:**

Octanoic acid: 96hr LC50 Bluegill- 22 mg/L, 48 hr EC50 Daphnia magna- >20 mg/L, 21 days NOEC Daphnia magna- 0.2 mg/L

This product is harmful to the aquatic environment with long-term adverse effects. Releases to the environment should be avoided.

**Persistence and degradability:** Octanoic acid: Readily biodegradable- 65.2% after 28 days.

**Bioaccumulative Potential:** No data available.

**Mobility in Soil:** No data available.

**Other Adverse Effects:** No data available.

<b>Section 13. Disposal Considerations</b>
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**Disposal:** For unused product, dispose of in accordance with Federal and local regulations. For used Product, the waste solution must be characterized by the generator and disposed of in accordance with Federal and local regulations.

**Container Disposal:** Dispose of empty container in accordance with Federal and local regulations.

<b>Section 14. Transport Information</b>
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	UN Number	UN Proper Shipping Name	Hazard Class(s)	Packing Group	Environmental Hazards
ADG	UN3261	Corrosive solid, acidic, organic, n.o.s. (Octanoic	8	III	No

		acid)			
<b>IMDG</b>	UN3261	Corrosive solid, acidic, organic, n.o.s. (Octanoic acid)	8	III	No
<b>IATA/ICAO</b>	UN3261	Corrosive solid, acidic, organic, n.o.s. (Octanoic acid)	8	III	No

**Special Precautions for User:** None identified

**Transport in Bulk According to Annex III MARPOL 73/78 and the IBC Code:** Not applicable – product is transported only in packaged form.

**Hazchem Code:** 2Z

### Section 15. Regulatory Information

**Montreal Protocol (Ozone Depleting Substances):** None present

**The Stockholm Convention (Persistent Organic Pollutants):** None present

**The Rotterdam Convention (Prior Informed Consent):** None present

**Standard for the Uniform Scheduling of Medicines and Poisons (SUSMP):** Not applicable

**Australian AICS:** This product is regulated by the Therapeutic Goods Administration (TGA) and therefore, is exempt from the AICS regulation.

### Section 16. Other Information

**Effective Date:** August 24, 2018

**Supersedes Date:** February 10, 2015

**Revision Summary:** All Sections – New SDS format – Rev0

Section 1 – Updated contact information – Rev1

The information and recommendations set forth herein are taken from sources believed to be accurate as of the date of preparation, however, KERR Corporation makes no warranty with respect to the accuracy or suitability of the recommendations, and assumes no liability to any use thereof.