

**SAFETY DATA SHEET**

**Section 1. Product And Company Identification**

**Product Name:** Extrude Base (All Viscosity)

**Product Use:** Denture impression material

**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)

**Emergency Phone Number:** Poisons Information Helpline: 131126 (24 hours)

**SDS Date of Preparation/Revision:** January 22, 2019

**Section 2. Hazards Identification**

**GHS Classification:**

Not Classified

**Label Elements:**

None Required

**Section 3. Composition/Information on Ingredients**

Component	CAS No.	Amount
Fumed silica	67762-90-7	<10%
Ethoxylated alkylphenol	68412-54-4	<5%
Chromium (III) Oxide	1308-38-9	<3%
Cobalt aluminate blue spinel	1345-16-0	<3%

**Section 4. First Aid Measures**

**Inhalation:** Remove victim to fresh air. If breathing is difficult or irritation persists, get medical attention.

**Skin Contact:** Flush thoroughly with water. Get medical attention if irritation or symptoms of exposure develop. Remove and launder contaminated clothing before re-use.

**Eye Contact:** Rinse thoroughly with water. Get medical attention if irritation occurs and persists.

**Ingestion:** Rinse mouth with water. Do not induce vomiting unless directed to do so by medical personnel. Get medical attention if you feel unwell.

**Most important symptoms and effects, acute and delayed:** May cause eye and skin irritation. Inhalation of dust from dried product or vapors may cause irritation of the mucous membranes and upper respiratory tract.

**Indication of immediate medical attention and special treatment, if needed:** Immediate medical attention is not required.

## 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:** Combustion may produce oxides of carbon and metal 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. Contain water used in firefighting from entering sewers or natural waterways.

## Section 6: Accidental Release Measures

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

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

**Methods and Materials for Containment and Cleaning up:** Collect material with an inert absorbent material and place in appropriate, labeled container for disposal.

## Section 7. Handling and Storage

**Precautions for Safe Handling:** Avoid contact with eyes, skin and clothing. Always wear impervious gloves, chemical safety goggles and protective clothing when handling this material. Wash thoroughly with soap and water after handling. Do not eat, drink or smoke in the work area. Avoid breathing dust or vapors. Use with adequate ventilation. 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 direct sunlight. 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
Fumed silica (as amorphous silica)	2 mg/m <sup>3</sup> TWA AU OEL
Ethoxylated alkylphenol	None Established
Chromium Oxide (as Chromium (III) compounds)	0.5 mg/m <sup>3</sup> TWA AU OEL
Cobalt aluminate blue spinel (as Cobalt, metal dust & fume)	0.05 mg/m <sup>3</sup> TWA AU OEL

**Appropriate Engineering Controls:** Use with adequate general or local exhaust ventilation to maintain exposure levels below the occupational exposure limits.

**Respiratory Protection:** 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.

**Hand protection:** Impervious gloves are suggested to prevent prolonged skin contact. Contact your glove supplier for selection assistance.

**Eye Protection:** Chemical safety glasses or goggles 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>	Paste of various colors	<b>Odor:</b>	Slight fruity odor
<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>	>142°C (>287.6°F)	<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>	1.25 (approximate)	<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:** Hazardous polymerization will not occur.

**Conditions to avoid:** Keep away from flames, heat, and direct sunlight.

**Incompatible Materials:** Oxidizing materials.

**Hazardous decomposition products:** Thermal decomposition will produce oxides of carbon and metal oxides.

**Section 11. Toxicological Information****Potential Health Effects:**

**Inhalation:** Inhalation of dust from dried product or vapors may cause nose, throat and upper respiratory tract.

**Skin Contact:** Prolonged exposure may cause skin irritation.

**Eye Contact:** Direct contact may cause eye irritation.

**Ingestion:** Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea.

**Chronic Hazards:** None currently known.

**Skin corrosion/irritation:** This product is not expected to cause skin corrosion or irritation.

**Eye damage/ irritation:** This product is not expected to cause eye damage or irritation.

**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 mutagenic.

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

**Developmental / Reproductive Toxicity:** This product is not classified as a reproductive hazard.

**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:**

Fumed silica: Oral rat LD50: >5000 mg/kg, Inhalation rat LC0: >0.139 mg/L/4hr (no mortality), Skin rat LD50: >5000 mg/kg

Ethoxyalted alkylphenol: Oral rat LD50: >2000 mg/kg, Rabbit rat LD50: >2000 mg/kg

Chromium Oxide: Oral rat LD50: >15000 mg/kg, Inhalation rat LC50: >5.41 mg/L/4hr (no mortality)

Cobalt aluminate blue spinel: Oral rat LD50: >5000 mg/kg, Inhalation rat LC50: >5.06 mg/L/4hr (no mortality)

**Section 12. Ecological Information**

**Toxicity:** Ethoxylated alkylphenol: 96hr LC50 Fathead minnow: 0.218 mg/L, 91 days NOEC Rainbow trout- 0.006 mg/L, 48 hr LC50 Daphnia magna: 0.148 mg/L, 21 days NOEC Daphnia magna: 0.1 mg/L

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

**Persistence and degradability:** No data available.

**Bioaccumulative Potential:** No data available.

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

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

**Section 13. Disposal Considerations**

**Disposal:** For unused product, dispose of in accordance with Federal and local regulations.

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

**Section 14. Transport Information**

	UN Number	UN Proper Shipping Name	Hazard Class(s)	Packing Group	Environmental Hazards
<b>ADG</b>	UN3077	Environmentally Hazardous Substance, solid, n.o.s. (Ethoxylated alkylphenol)	9	III	Not applicable
<b>IMDG</b>	UN3077	Environmentally Hazardous Substance, solid, n.o.s. (Ethoxylated alkylphenol)	9	III	Not applicable
<b>IATA/ICAO</b>	UN3077	Environmentally Hazardous Substance, solid, n.o.s. (Ethoxylated alkylphenol)	9	III	Not applicable

**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:** Not applicable

**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):** None present

**Australian AICS:** All of the components of this product are listed on AICS inventory.

<b>Section 16. Other Information</b>
--------------------------------------

**Effective Date:** January 22, 2019

**Supersedes Date:** January 4, 2014

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

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.