

Material Safety Data Sheet Cover-Sheet – This page provides additional New Zealand specific information for this product and must be read in conjunction with the Safety Data Sheet (SDS) attached

Product Name: Extrude Base & Catalyst

Manufacturer: Kerr Corporation

SDS Expiry: 16 April 2026

Supplier Details: Henry Schein New Zealand
243-249 Bush Road, Rosedale, Auckland, 0632
PO Box 101 140, North Shore, Auckland 0745
Ph. 0800 808 855
www.henryschein.co.nz

Emergency Contacts: Poisons/Hazardous Chemical Info Centre –
0800POISON/0800764766 (24 Hours)
Phone 111 for Fire, Ambulance or Police

HSNO Class/Category: Non-Hazardous

HSNO Group Standard: Non-Hazardous

Statements/Pictograms: As per attached Safety Data Sheet (SDS)

Date Prepared: This coversheet was prepared – May 2024

This SDS coversheet has been produced by Henry Schein NZ and has been prepared in accordance with NZ EPA advice on making overseas SDS compliant to HSNO Act. The above information is based on the present state of our knowledge of the product at the time of publication. It is given in good faith, no warranty is implied with respect to the quality or the specifications of the product. Users must satisfy that the product is entirely suitable for their purpose. The SDS and this coversheet may be revised from time to time, please ensure you have a current copy.

SAFETY DATA SHEET

Section 1. Product And Company Identification

Product Name: Extrude Catalyst (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 6, 12 Mars Road
Lane Cove West, NSW 2066
Australia
Telephone no.: 1 800 643 603
Email general queries: kavokerr.orders@kavokerr.com
Email technical queries: safety@kavokerr.com

Poisons Information Helpline: 131126 (24 hours)

Chemical Emergency Phone Number (Chemical Spills, Leaks, Fire, Exposure or Accident only):
CHEMTREC 1-800-424-9300 (in the US) 1-703-527-3887 (Outside the US)

SDS Date of Preparation/Revision: April 16, 2021

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%
Platinum Complex	Mixture	<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, nitrogen, and sulfur; 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.

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: 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 ³ TWA AU OEL
Platinum Complex (as Platinum, metal)	1 mg/m ³ TWA AU OEL
Cobalt aluminate blue spinel (as Cobalt, metal dust & fume)	0.05 mg/m ³ 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

Appearance:	Paste of various colors	Odor:	Slight fruity odor
Odor Threshold:	Not available	pH:	Not available
Melting/Freezing Point:	Not available	Boiling Point/Range:	Not available
Flash Point:	>142°C (>287.6°F)	Evaporation Rate:	Not available
Flammability: (Solid, Gas)	Not applicable	Flammability Limits:	LEL: Not applicable UEL: Not applicable
Vapor Pressure:	Not available	Vapor Density:	Not available
Relative Density:	1.25 (approximate)	Solubilities:	Insoluble in water
Partition Coefficient: (N-Octanol/Water)	Not available	Autoignition Temperature:	Not available
Decomposition Temperature:	Not available	Viscosity:	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, nitrogen, and sulfur; 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

Platinum Complex: No toxicity data available

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: No data available. This product is not expected to be harmful to the aquatic environment.

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
ADG	None	Not Regulated	None	None	Not applicable
IMDG	None	Not Regulated	None	None	Not applicable
IATA/ICAO	None	Not Regulated	None	None	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.

Section 16. Other Information

Effective Date: April 16, 2021

Supersedes Date: January 18, 2019

Revision Summary: Updated contact information in section 1

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.

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 6, 12 Mars Road
Lane Cove West, NSW 2066
Australia
Telephone no.: 1 800 643 603
Email general queries: kavokerr.orders@kavokerr.com
Email technical queries: safety@kavokerr.com

Poisons Information Helpline: 131126 (24 hours)

Chemical Emergency Phone Number (Chemical Spills, Leaks, Fire, Exposure or Accident only):
CHEMTREC 1-800-424-9300 (in the US) 1-703-527-3887 (Outside the US)

SDS Date of Preparation/Revision: April 16, 2021

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%
Ethoxyxlated 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 ³ TWA AU OEL
Ethoxylated alkylphenol	None Established
Chromium Oxide (as Chromium (III) compounds)	0.5 mg/m ³ TWA AU OEL
Cobalt aluminate blue spinel (as Cobalt, metal dust & fume)	0.05 mg/m ³ 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

Appearance:	Paste of various colors	Odor:	Slight fruity odor
Odor Threshold:	Not available	pH:	Not available
Melting/Freezing Point:	Not available	Boiling Point/Range:	Not available
Flash Point:	>142°C (>287.6°F)	Evaporation Rate:	Not available
Flammability: (Solid, Gas)	Not applicable	Flammability Limits:	LEL: Not applicable UEL: Not applicable
Vapor Pressure:	Not available	Vapor Density:	Not available
Relative Density:	1.25 (approximate)	Solubilities:	Insoluble in water
Partition Coefficient (N-Octanol/Water)	Not available	Autoignition Temperature:	Not available
Decomposition Temperature:	Not available	Viscosity:	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: Ethoxyalted 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
ADG	UN3077	Environmentally Hazardous Substance, solid, n.o.s. (Ethoxylated alkylphenol)	9	III	Not applicable
IMDG	UN3077	Environmentally Hazardous Substance, solid, n.o.s. (Ethoxylated alkylphenol)	9	III	Not applicable
IATA/ICAO	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.

Section 16. Other Information

Effective Date: April 16, 2021

Supersedes Date: January 22, 2019

Revision Summary: Updated contact information in section 1

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.