

SAFETY DATA SHEET

Section 1. Product And Company Identification

Product Name: Impression Compounds (All Colors)

Product Use: Dental product: 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
Email technical queries: 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 16, 2019

Section 2. Hazards Identification

GHS Classification:

Skin Sensitization Category 1

Label Elements:

Warning!



Hazard Phrases

H317 May cause an allergic skin reaction.

Precautionary Phrases:

P261 Avoid breathing dust or vapors.

P272 Contaminated work clothing should not be allowed out of the workplace.

P280 Wear protective gloves.

P302+P352 IF ON SKIN: Wash with plenty of soap and water.

P333+P313 If skin irritation or rash occurs: Get medical attention.

P363 Wash contaminated clothing before reuse.

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

Section 3. Composition/Information on Ingredients

Component	CAS No.	Amount
Talc	14807-96-6	30-60%
Rosin	8050-09-7	<10%
Titanium dioxide*	13463-67-7	<10%

*Titanium Dioxide in this product is inextricably bound in a manner that no exposure occurs during normal use and handling. Therefore this product is not classified as a carcinogen.

Section 4. First Aid Measures

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

Skin Contact: Remove contaminated clothing and shoes. Flush skin thoroughly with water for several minutes. Get medical attention if irritation or rash occurs. Launder 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. Do not attempt to give anything by mouth to an unconscious person. Get medical attention if symptoms develop.

Most important symptoms and effects, acute and delayed: Contact with dust may cause mechanical eye irritation and skin irritation. May cause skin sensitization. Inhalation of dust 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. Powders that become wet may cause surfaces to be extremely slippery and cause a slip hazard.

Section 6. Accidental Release Measures

Personal precautions, Protective equipment, and Emergency procedures: Avoid generating air-borne dust. Avoid contact with eyes, skin and clothing. Wear appropriate protective clothing and equipment. Avoid breathing dust. Powders that become wet may cause surfaces to be extremely slippery and present a slip hazard.

Environmental Precautions: Report spill as required by local and federal regulations.

Methods and Materials for Containment and Cleaning up: Scoop or shovel up using methods that minimize the generation of airborne dust. Avoid dispersal of dust in the air (i.e., clearing dust surfaces with compressed air). Place dry material into an appropriate container for disposal. Wipe spill area with a damp cloth. Dust deposits should not be allowed to accumulate on surfaces.

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 generating or breathing dust. 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
Talc	2.5 mg/m ³ TWA AU OEL
Rosin	0.05 mg/m ³ TWA, 0.15 mg/m ³ STEL UK WEL
Titanium dioxide	10 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 skin contact. Contact your glove supplier for selection assistance.

Eye Protection: Chemical safety goggles or dust 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:	Green/grey/red colored waxy solid	Odor:	Slight paraffinic odor
Odor Threshold:	Not available	pH:	Not available
Melting/Freezing Point:	42°C (107.6°F)	Boiling Point/Range:	Not available
Flash Point:	Not flammable	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	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 heat and direct sunlight.

Incompatible Materials: None known.

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

Section 11. Toxicological Information

Potential Health Effects:

Inhalation: Inhalation of dust may cause nose, throat and upper respiratory tract.

Skin Contact: Contact with dust may cause skin irritation. May cause an allergic skin reaction (sensitization)

Eye Contact: Dust may cause mechanical (abrasive) 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 irritation.

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

Skin Sensitization: This product is 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: Titanium Dioxide is listed as Possibly carcinogenic to humans (Group 2B) by IARC. Titanium dioxide in this product is inextricably bound in a manner that no exposure occurs during normal use and handling. Therefore this product is not classified as a carcinogen. None of the other components are listed as a carcinogen or potential carcinogen by IARC, NTP or the EU CLP.

Developmental / Reproductive Toxicity: No data available.

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:

Talc: Oral rat LD50: >5000 mg/kg, Inhalation rat LC50: >2.1 mg/L/4hr (no mortality), Skin rat LD50: >2000 mg/kg

Rosin: Oral rat LD50: >2000 mg/kg, Skin rat LD50:>2000 mg/kg

Titanium dioxide: Oral rat LD50: >2000 mg/kg, Inhalation rat LC50: 3.43-5.09 mg/L/4hr (no mortality)

Section 12. Ecological Information

Toxicity: Talc: 96 hr LC50 Fish- 89581.016 mg/L (QSAR), 48 hr EC50 Daphnia - 3681.24 mg/L (QSAR)
Rosin: 96hr LC50 Fathead minnow- 1.7 mg/L, 48hr EL50 Daphnia magna- 36 mg/L

Persistence and degradability: Biodegradation is not applicable to inorganic substances.

Bioaccumulative Potential: No data available.

Mobility in Soil: No data available.

Other Adverse Effects: No data available.

Section 13. Disposal Considerations
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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
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	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: January 16, 2019

Supersedes Date: June 9, 2015

Revision Summary: All Sections – New SDS format

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