

1 . Identification of the material and supplier**Names**

Product name	: Take 1 Advanced Rigid Tray Base and Catalyst
ADG	: Not regulated.
Manufacturer	: Kerr Australia Pty Limited Unit 10, 112-118 Talavera Road North Ryde, NSW 2113 Australia Telephone no.: 1 800 643 603 Email general queries: kerraust.orders@sybrondental.com Email technical queries: peter.green@sybrondental.com
Emergency telephone number	: 61 401 690 670 (24 hours)

Uses

Area of application	: Professional applications.
Material uses	: Dental product: Impression material.
Product type	: Paste.

2 . Hazards identification

Classification	: Not regulated.
Risk phrases	: Not classified.
Statement of hazardous/dangerous nature	: NON-HAZARDOUS SUBSTANCE. NON-DANGEROUS GOODS.

3 . Composition/information on ingredients

Mixture	: Yes.
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Other ingredients, determined not to be hazardous according to Safe Work Australia criteria, and not dangerous according to the ADG Code, make up the product concentration to 100%.

There are no ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment and hence require reporting in this section.

4 . First-aid measures**First-aid measures**

Inhalation	: No special measures required. If inhaled, remove to fresh air. Get medical attention if symptoms occur.
Ingestion	: Wash out mouth with water. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Stop if the exposed person feels sick as vomiting may be dangerous. Get medical attention if adverse health effects persist or are severe.
Skin contact	: No special measures required. In case of contact, immediately flush skin with plenty of water. Get medical attention if symptoms occur.
Eye contact	: No special measures are required. In case of contact with eyes, rinse immediately with plenty of water. Get medical attention if symptoms occur.
Protection of first-aiders	: In case of major fire and large quantities: No action shall be taken involving any personal risk or without suitable training.
Advice to doctor	: No specific treatment. Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.

Take 1 Advanced Rigid Tray Base and Catalyst

5 . Fire-fighting measures

Extinguishing media

- Suitable** : Use an extinguishing agent suitable for the surrounding fire.
- Not suitable** : None known.
- Special exposure hazards** : In case of major fire and large quantities: Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training.
No specific fire or explosion hazard.
- Hazardous thermal decomposition products** : Decomposition products may include the following materials:
metal oxide/oxides
- Special protective equipment for fire-fighters** : Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

6 . Accidental release measures

- Personal precautions** : Low release. For professional use only. Handling of product in very small amounts or in situations where release is highly unlikely
- Environmental precautions** : Low release. Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).

Methods for cleaning up

- Small spill** : Small Quantity. For professional use only. Absorb with an inert material and place in an appropriate waste disposal container.
- Large spill** : Small Quantity. For professional use only. Absorb with an inert material and place in an appropriate waste disposal container.

7 . Handling and storage

- Handling** : No special measures are required for small quantities under normal and intended conditions of product use. For professional use only. Put on appropriate personal protective equipment (see Section 8). Handle with care and dispose of in a safe manner.
- Storage** : Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Keep container 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 unlabelled containers. Use appropriate containment to avoid environmental contamination.
- Combustible liquid** Not applicable.

8 . Exposure controls/personal protection

- Occupational exposure limits** : **No exposure standard allocated.**
- Recommended monitoring procedures** : If this product contains ingredients with exposure limits, personal, workplace atmosphere or biological monitoring may be required to determine the effectiveness of the ventilation or other control measures and/or the necessity to use respiratory protective equipment. Reference should be made to appropriate monitoring standards. Reference to national guidance documents for methods for the determination of hazardous substances will also be required.
- Exposure controls**
- Engineering measures** : No special measures are required for small quantities under normal and intended conditions of product use.
- Hygiene measures** : No special measures are required for small quantities under normal and intended conditions of product use.

Take 1 Advanced Rigid Tray Base and Catalyst

8 . Exposure controls/personal protection

Eyes	: No special measures are required for small quantities under normal and intended conditions of product use.
Hands	: No special measures are required for small quantities under normal and intended conditions of product use.
Respiratory	: No special measures are required for small quantities under normal and intended conditions of product use.
Skin	: No special measures are required for small quantities under normal and intended conditions of product use.
Environmental exposure controls	: No special measures are required for small quantities under normal and intended conditions of product use.

9 . Physical and chemical properties

Physical state	: Solid. [Paste.]
Colour	: Blue.
Odour	: Peppermint-like.
Boiling point	: Not available.
Melting point	: Not available.
Vapour pressure	: Not available.
Density	: 1 to 1.7 g/cm ³
Flash point	: Not available.
Flammable limits	: Not available.
Vapour density	: Not available.
pH	: Not available.
Viscosity	: Not available.
Auto-ignition temperature	: Not available.
Solubility	: Not available.

10 . Stability and reactivity

Chemical stability	: The product is stable.
Possibility of hazardous reactions	: Under normal conditions of storage and use, hazardous reactions will not occur. Under normal conditions of storage and use, hazardous polymerisation will not occur.
Conditions to avoid	: No specific data.
Materials to avoid	: Reactive or incompatible with the following materials: oxidizing materials.
Hazardous decomposition products	: Under normal conditions of storage and use, hazardous decomposition products should not be produced.

11 . Toxicological information

Potential acute health effects

Inhalation	: No known significant effects or critical hazards.
Ingestion	: No known significant effects or critical hazards.
Skin contact	: No known significant effects or critical hazards.
Eye contact	: No known significant effects or critical hazards.

Acute toxicity

Conclusion/Summary	: Not available.
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Potential chronic health effects

Chronic toxicity

11 . Toxicological information

Conclusion/Summary	: Not available.
<u>Irritation/Corrosion</u>	
Conclusion/Summary	: Not available.
<u>Sensitiser</u>	
Conclusion/Summary	: Not available.
<u>Carcinogenicity</u>	
Conclusion/Summary	: Crystalline silica non-respirable: No significant hazards under normal and intended conditions of product use.
<u>Mutagenicity</u>	
Conclusion/Summary	: Not available.
<u>Teratogenicity</u>	
Conclusion/Summary	: Not available.
<u>Reproductive toxicity</u>	
Conclusion/Summary	: Not available.
Chronic effects	: No known significant effects or critical hazards.
Carcinogenicity	: No known significant effects or critical hazards.
Mutagenicity	: No known significant effects or critical hazards.
Teratogenicity	: No known significant effects or critical hazards.
Developmental effects	: No known significant effects or critical hazards.
Fertility effects	: No known significant effects or critical hazards.
<u>Over-exposure signs/symptoms</u>	
Inhalation	: No specific data.
Ingestion	: No specific data.
Skin	: No specific data.
Eyes	: No specific data.
Target organs	: Contains material which may cause damage to the following organs: lungs, upper respiratory tract, eyes.

12 . Ecological information

Ecotoxicity	: No known significant effects or critical hazards.
<u>Aquatic ecotoxicity</u>	
Conclusion/Summary	: Not available.
<u>Other ecological information</u>	
<u>Persistence/degradability</u>	
Conclusion/Summary	: Not available.
Other adverse effects	: No known significant effects or critical hazards.

13 . Disposal considerations

Methods of disposal	: The generation of waste should be avoided or minimised wherever possible. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements.
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Take 1 Advanced Rigid Tray Base and Catalyst

14 . Transport information

International transport regulations

ADG/ADR/IMDG/IATA : Not regulated.

15 . Regulatory information

Standard Uniform Schedule of Medicine and Poisons

Not regulated.

Control of Scheduled Carcinogenic Substances

<u>Ingredient name</u>	<u>Schedule</u>
Silica crystalline	Prohibited [For abrasive blasting at a concentration of greater than 1%]

Australia inventory (AICS) : Not determined.

EU Classification : Not classified.

16 . Other information

Person who prepared the MSDS :

Date of previous issue : No previous validation

Date of issue/ Date of revision : 4/22/2015.

Version : 1

 Indicates information that has changed from previously issued version.

Disclaimer

To the best of our knowledge, the information contained herein is accurate. However, neither the above-named supplier, nor any of its subsidiaries, assumes any liability whatsoever for the accuracy or completeness of the information contained herein.

Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.