

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: PANA VIA F 2.0 ; PASTE B (TC, White, Light, Opaque)

Manufacturer: Kuraray

SDS Expiry: 21 June 2027

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](http://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: 6

HSNO Group Standard: Dental Products Subsidiary Hazard Group Standard 2020  
HSR002558

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

Date Prepared: This coversheet was prepared – July 2023

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**  
according to WHS Regulations

Printing date 21.06.2022

Version number 6

Revision date: 21.06.2022

**1 Identification**

- **Product identifier**
- **Trade name:** PANAVIA F 2.0 ; PASTE B (TC, White, Light, Opaque)
- **Article number:** AZ089-PB
- **Registration number** Not applicable
- **Relevant identified uses of the substance or mixture and uses advised against**  
No further relevant information available.
- **Application of the substance / the mixture** Resin-based dental adhesive cement
- **Details of the supplier of the safety data sheet**
- **Manufacturer:**  
Kuraray Noritake Dental Inc.  
1621, Sakazu, Kurashiki,  
Okayama, 710-0801, Japan
- **Supplier :**  
< Australia >  
HENRY SCHEIN HALAS  
Building 3, Level 6  
189-O'Riordan Street,  
Mascot, NSW 2020  
Australia  
Freephone: 1300 65 88 22  
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Henry Schein New Zealand  
23 William Pickering Drive, Albany  
PO Box 101 140, North Shore, Auckland 0745  
Ph. 0800 808 855  
www.henryschein.co.nz
- **Emergency telephone number:**  
< Australia >  
AUSTRALIAN POISONS INFORMATION CENTRE  
24 hours service: phone 13 11 26  
Police/Firebrigade/Ambulance: 000  
< New Zealand >  
Poisons/Hazardous Chemical Info Centre  
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**2 Hazard(s) Identification**

- **Classification of the substance or mixture**  
This product is classified as hazardous according to WHS/NOHSC(AU) and HSNO(NZ), but non-dangerous according to ADG Code(AU) and NZS 5433(NZ).  
Acute Tox. 4 H302 Harmful if swallowed.  
Carc. 2 H351 Suspected of causing cancer. Route of exposure: Inhalation.
- **Additional information :**  
Medical devices as defined in Directive 93/42/EEC and which are invasive or used in direct physical contact with the human body, are exempted from the provisions of Regulation (EC) No 1272/2008 (CLP/GHS) usually if they are in the finished state and intended for the final user.
- **Label elements**
- **GHS label elements**  
The product is classified and labelled according to the Globally Harmonised System (GHS).

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· **Hazard pictograms**



GHS07 GHS08

· **Signal word** Warning

· **Hazard-determining components of labelling:**

sodium fluoride  
titanium dioxide

· **Hazard statements**

H302 Harmful if swallowed.  
H351 Suspected of causing cancer. Route of exposure: Inhalation.

· **Precautionary statements**

P201 Obtain special instructions before use.  
P202 Do not handle until all safety precautions have been read and understood.  
P264 Wash thoroughly after handling.  
P270 Do not eat, drink or smoke when using this product.  
P280 Wear protective gloves/protective clothing/eye protection/face protection/hearing protection.  
P301+P312 IF SWALLOWED: Call a POISON CENTER/doctor if you feel unwell.  
P330 Rinse mouth.  
P308+P313 IF exposed or concerned: Get medical advice/attention.  
P405 Store locked up.  
P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

· **Other hazards**

Avoid breathing sanding dust / swarf.  
Not applicable

· **PBT:** Not applicable.

· **vPvB:** Not applicable.

**3 Composition and Information on Ingredients**

· **Chemical characterisation: Substances** None

· **Chemical characterisation: Mixtures**

· **Description:** Mixture of substances listed below with nonhazardous additions.

· **Dangerous components:**

|                   |  |         |
|-------------------|--|---------|
| CAS: 7681-49-4    | sodium fluoride  | 2.5-10% |
| EINECS: 231-667-8 | ☠ Acute Tox. 3, H301; ⚠ Skin Irrit. 2, H315; Eye Irritation 2A, H319 |         |

· **Other ingredients:**

Hydrophobic aromatic dimethacrylate  
Hydrophobic aliphatic dimethacrylate  
Hydrophilic aliphatic dimethacrylate  
Silanated barium glass filler  
Catalysts  
Accelerators  
Pigments

· **Additional information:** EUH032: Contact with acids liberates very toxic gas.(sodium fluoride)

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### 4 First Aid Measures

- **Description of first aid measures**
- **General information:**  
Symptoms of poisoning may even occur after several hours; therefore medical observation for at least 48 hours after the accident.
- **After inhalation:** Supply fresh air; consult doctor in case of complaints.
- **After skin contact:** Generally the product does not irritate the skin.
- **After eye contact:** Rinse opened eye for several minutes under running water.
- **After swallowing:** Call for a doctor immediately.
- **Information for doctor:**
- **Most important symptoms and effects, both acute and delayed** No further relevant information available.
- **Indication of any immediate medical attention and special treatment needed**  
No further relevant information available.

### 5 Fire Fighting Measures

- **Extinguishing media**
- **Suitable extinguishing agents:**  
CO<sub>2</sub>, powder or water spray. Fight larger fires with water spray or alcohol resistant foam.
- **Special hazards arising from the substance or mixture** No further relevant information available.
- **Advice for firefighters**
- **Protective equipment:**  
Mouth respiratory protective device.  
Wear fully protective suit.

### 6 Accidental Release Measures

- **Personal precautions, protective equipment and emergency procedures** See Section 8.
- **Environmental precautions:** Do not allow to enter sewers/ surface or ground water.
- **Methods and material for containment and cleaning up:**  
Dispose contaminated material as waste according to item 13.
- **Reference to other sections**  
See Section 7 for information on safe handling.  
See Section 8 for information on personal protection equipment.  
See Section 13 for disposal information.

### 7 Handling and Storage

- **Handling:**
- **Precautions for safe handling** Prevent formation of dust.
- **Information about fire - and explosion protection:** No special measures required.
- **Conditions for safe storage, including any incompatibilities**
- **Storage:**
- **Requirements to be met by storerooms and receptacles:** Store in a refrigerator (2-8°C).
- **Information about storage in one common storage facility:**  
Do not store together with acids.  
Store away from oxidising agents.  
Store away from reducing agents.
- **Further information about storage conditions:**  
Keep container tightly sealed.  
Store in cool, dry conditions in well sealed receptacles.  
Protect from heat and direct sunlight.

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 · **Specific end use(s)** No further relevant information available.

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### 8 Exposure controls and personal protection

 · **Additional information about design of technical facilities:** No further data; see item 7.

 · **Control parameters**

 · **Ingredients with limit values that require monitoring at the workplace:**
**7681-49-4 sodium fluoride**

|     |                               |
|-----|-------------------------------|
| NES | 2.5 mg/m <sup>3</sup><br>as F |
|-----|-------------------------------|

 · **Additional information:** The lists valid during the making were used as basis.

 · **Exposure controls**

 · **Personal protective equipment:**

 · **General protective and hygienic measures:**

Keep away from foodstuffs, beverages and feed.  
 Immediately remove all soiled and contaminated clothing  
 Wash hands before breaks and at the end of work.  
 Avoid contact with the skin.  
 Avoid contact with the eyes.

 · **Respiratory protection:**

In case of brief exposure or low pollution use respiratory filter device. In case of intensive or longer exposure use self-contained respiratory protective device.

 · **Protection of hands:**

Neoprene gloves  
 The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.  
 Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture.  
 Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation

 · **Material of gloves**

The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.

 · **Penetration time of glove material**

The exact break trough time has to be found out by the manufacturer of the protective gloves and has to be observed.

 · **Eye protection:** Safety glasses

### 9 Physical and Chemical Properties

 · **Information on basic physical and chemical properties**

 · **General Information**

 · **Appearance:**

|                |                                    |
|----------------|------------------------------------|
| <b>Form:</b>   | Pasty                              |
| <b>Colour:</b> | According to product specification |

|                         |                |
|-------------------------|----------------|
| <b>Odour:</b>           | Odourless      |
| <b>Odour threshold:</b> | Not determined |

|  |                |
|--|----------------|
| <b>Important information on protection of health and environment, and on safety.</b> | Not determined |
|--|----------------|

|                  |                 |
|------------------|-----------------|
| <b>pH-value:</b> | Not determined. |
|------------------|-----------------|

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|  |   |
|--|---|
| · <b>Change in condition</b>                     |   |
| <b>Melting point/freezing point:</b>             | 1012 °C (sodium fluoride)                     |
| <b>Initial boiling point and boiling range:</b>  | 1704 °C (sodium fluoride)                     |
| · <b>Flash point:</b>                            | Not determined.                               |
| · <b>Flammability (solid, gas):</b>              | Not determined                                |
| · <b>Ignition temperature:</b>                   | Not determined                                |
| · <b>Decomposition temperature:</b>              | Not determined                                |
| · <b>Auto-ignition temperature:</b>              | Not determined                                |
| · <b>Explosive properties:</b>                   | Product does not present an explosion hazard. |
| · <b>Explosion limits:</b>                       |   |
| <b>Lower:</b>                                    | Not determined.                               |
| <b>Upper:</b>                                    | Not determined.                               |
| · <b>Oxidising properties</b>                    | Not determined                                |
| · <b>Vapour pressure:</b>                        | Not determined.                               |
| · <b>Density:</b>                                | 2.0 g/cm <sup>3</sup>                         |
| · <b>Relative density</b>                        | Not determined                                |
| · <b>Vapour density</b>                          | Not determined.                               |
| · <b>Evaporation rate</b>                        | Not determined                                |
| · <b>Solubility in / Miscibility with water:</b> | Insoluble.                                    |
| · <b>Partition coefficient: n-octanol/water:</b> | Not determined.                               |
| · <b>Viscosity:</b>                              | Not determined                                |
| · <b>Dynamic:</b>                                | Not determined                                |
| · <b>Kinematic:</b>                              | Not determined                                |
| · <b>Solvent separation test:</b>                | Not determined                                |
| · <b>Water:</b>                                  | Not determined                                |
| · <b>Other information</b>                       | No further relevant information available.    |

## 10 Stability and Reactivity

- **Reactivity** No further relevant information available.
- **Chemical stability**
- **Thermal decomposition / conditions to be avoided:** No decomposition if used according to specifications.
- **Possibility of hazardous reactions** No dangerous reactions known.
- **Conditions to avoid** No further relevant information available.
- **Incompatible materials:** No further relevant information available.
- **Hazardous decomposition products:** Carbon monoxide and carbon dioxide

## 11 Toxicological Information

### · Information on toxicological effects

|  |      |                  |
|--|------|------------------|
| · <b>LD/LC50 values relevant for classification:</b> |      |                  |
| <b>7681-49-4 sodium fluoride</b>                     |      |                  |
| Oral   | LD50 | 44 mg/kg (mouse) |
|  |      | 52 mg/kg (rat)   |

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- **Primary irritant effect:**
- **Skin corrosion/irritation** Causes skin irritation.
- **Serious eye damage/irritation** Based on available data, the classification criteria are not met.
- **Respiratory or skin sensitisation** Based on available data, the classification criteria are not met.
- **Subacute to chronic toxicity:**
- **Sensitisation**
- **Germ cell mutagenicity** Based on available data, the classification criteria are not met.
- **Carcinogenicity** Based on available data, the classification criteria are not met.
- **Reproductive toxicity** Based on available data, the classification criteria are not met.
- **STOT-single exposure** Based on available data, the classification criteria are not met.
- **STOT-repeated exposure** Based on available data, the classification criteria are not met.
- **Aspiration hazard** Based on available data, the classification criteria are not met.

### 12 Ecological Information

- **Toxicity**
- **Aquatic toxicity:** No further relevant information available.
- **Persistence and degradability** No further relevant information available.
- **Behaviour in environmental systems:**
- **Bioaccumulative potential** No further relevant information available.
- **Mobility in soil** No further relevant information available.
- **Additional ecological information:**
- **General notes:**  
Water hazard class 1 (German Regulation) (Self-assessment): slightly hazardous for water  
Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.
- **Results of PBT and vPvB assessment**
- **PBT:** Not applicable.
- **vPvB:** Not applicable.
- **Other adverse effects** No further relevant information available.

### 13 Disposal considerations

- **Recommendation**  
Must not be disposed together with household garbage. Do not allow product to reach sewage system.

### 14 Transport information

|  |      |
|--|------|
| <ul style="list-style-type: none"> <li>· <b>UN-Number</b></li> <li>· <b>ADG, ADN, IMDG, IATA</b></li> </ul>  | Void |
| <ul style="list-style-type: none"> <li>· <b>UN proper shipping name</b></li> <li>· <b>ADG</b></li> <li>· <b>ADN, IMDG, IATA</b></li> </ul>           | Void |
| <ul style="list-style-type: none"> <li>· <b>Transport hazard class(es)</b></li> <li>· <b>ADG, ADN, IMDG, IATA</b></li> <li>· <b>Class</b></li> </ul> | Void |
| <ul style="list-style-type: none"> <li>· <b>Packing group</b></li> <li>· <b>ADG, IMDG, IATA</b></li> </ul>   | Void |
| <ul style="list-style-type: none"> <li>· <b>Environmental hazards:</b></li> <li>· <b>Marine pollutant:</b></li> </ul>                                | No   |

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- |   |                 |
|---|-----------------|
| <b>· Special precautions for user</b>                                       | Not applicable. |
| <b>· Transport in bulk according to Annex II of Marpol and the IBC Code</b> | Not applicable. |
| <b>· UN "Model Regulation":</b>   | Void            |

### 15 Regulatory information

- **Safety, health and environmental regulations/legislation specific for the substance or mixture**  
No further relevant information available.

|   |
|---|
| <b>· Australian Inventory of Industrial Chemicals</b> |
|---|

|                             |
|-----------------------------|
| All ingredients are listed. |
|-----------------------------|

|   |
|---|
| <b>· Standard for the Uniform Scheduling of Medicines and Poisons</b> |
|---|

|                                   |
|-----------------------------------|
| All substances have the value S2. |
|-----------------------------------|

- **Chemical safety assessment**
- **Named dangerous substances - ANNEX I** None of the ingredient is listed.
- **Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.

### 16 Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

- **Abbreviations and acronyms:**

ELINCS: European List of Notified Chemical Substances  
 Acute Tox. 3: Acute toxicity – Category 3  
 Acute Tox. 4: Acute toxicity – Category 4  
 Skin Irrit. 2: Skin corrosion/irritation – Category 2  
 Eye Irritation 2A: Serious eye damage/eye irritation – Category 2A  
 Carc. 2: Carcinogenicity – Category 2

- **\* Data compared to the previous version altered.**

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