1 Identification

- Product identifier
- Trade name: PANAVIA V5 Try-in Paste
- Article number: US214-Ti
- Application of the substance / the mixture: Dental colour matching test material
- Details of the supplier of the safety data sheet
  - Manufacturer: Kuraray Noritake Dental Inc.
    1621 Sakazu, Kurashiki, Okayama 710-0801, Japan
  - Contact information:
    Kuraray America, Inc.
    33 Maiden Lane, 6th Floor, New York,
    NY 10038 U.S.A.
    Tel: 800-879-1676
    Fax: 888-700-5200
    Website: www.kuraraydental.com

2 Composition/information on ingredients

- Chemical characterization: Mixtures
- Description: Mixture of substances listed below with nonhazardous additions.

<table>
<thead>
<tr>
<th>Dangerous components:</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>56-81-5 glycerol</td>
<td>75-95%</td>
</tr>
</tbody>
</table>

- Other ingredients:
  - Silanated silica filler
  - Silanated colloidal silica
  - Colloidal silica
  - Pigments

3 Hazard(s) identification

- Classification of the substance or mixture
  The product is not classified according to the Globally Harmonized System (GHS).

- Label elements
  - GHS label elements: Void
  - Hazard pictograms: Void
  - Signal word: Void
  - Hazard statements: Void
  - Classification system:
    - NFPA ratings (scale 0 - 4)
      - Health = 0
      - Fire = 1
      - Reactivity = 0
    - HMIS-ratings (scale 0 - 4)
      - Health = 1
      - Fire = 1
      - Reactivity = 0

(Contd. on page 2)
4 First-aid measures

- After inhalation: Supply fresh air and be sure to call for a doctor.
- 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: If symptoms persist consult doctor.

5 Fire-fighting measures

- Suitable extinguishing agents: Use fire fighting measures that suit the environment.
- Special hazards arising from the substance or mixture: No further relevant information available.
- Protective equipment: No special measures required.

6 Accidental release measures

- Personal precautions, protective equipment and emergency procedures: Not required.
- Environmental precautions: Do not allow to enter sewers/surface or ground water.
- Methods and material for containment and cleaning up: Pick up mechanically.
- Reference to other sections: No dangerous substances are released.

7 Handling and storage

- Precautions for safe handling: No special measures required.
- Information about protection against explosions and fires: No special measures required.
- Storage:
  - Requirements to be met by storerooms and receptacles: Store in a cool location (2-25 °C).
  - Information about storage in one common storage facility: Not required.
- Further information about storage conditions:
  - Store in cool, dry conditions in well-sealed receptacles.
  - Keep receptacle tightly sealed.
  - Protect from heat and direct sunlight.
- Specific end use(s): No further relevant information available.

8 Exposure controls/personal protection

- Additional information about design of technical systems: No further data; see item 7.
- Components with limit values that require monitoring at the workplace:
  - 56-81-5 glycerol
    - PEL: Long-term value: 15* 5** mg/m³
    - mist; *total dust **respirable fraction
    - TLV: TLV withdrawn-insufficient data human occup. exp.
- Additional information: The lists that were valid during the creation were used as basis.
- Personal protective equipment:
- General protective and hygienic measures:
  - The usual precautionary measures for handling chemicals should be followed.
- Breathing equipment: Not required.
- Protection of hands:
  - 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

(Contd. on page 3)
40.0

· 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: Not required.

9 Physical and chemical properties

· General Information

· Appearance:
  - Form: Pasty
  - Color: Coloured
  - Odor: Odorless

· pH-value: Not applicable

· Change in condition
  - Melting point/Melting range: 18.2 °C (glycerol)
  - Boiling point/Boiling range: 290 °C (glycerol)

· Flash point: 160 °C (glycerol)

· Ignition temperature: 400.0 °C (glycerol)

· Danger of explosion: Product does not present an explosion hazard.

· Explosion limits:
  - Lower: 0.9 Vol % (glycerol)
  - Upper: Not applicable

· Vapor pressure: 0.1 hPa (20 °C, glycerol)

· Density: 1.2 g/cm³

· Vapour density: Not applicable

· Solubility in / Miscibility with
  - Water: Partly soluble.

· Partition coefficient (n-octanol/water): Not applicable

· Other information
  - No further relevant information available.

10 Stability and reactivity

· Thermal decomposition / conditions to be avoided:
  - No decomposition if used and stored according to specifications.

· Incompatible materials: No further relevant information available.

· Hazardous decomposition products: Carbon monoxide and carbon dioxide

11 Toxicological information

· Acute toxicity:

· Primary irritant effect:
  - on the skin: No irritant effect.
  - on the eye: No irritating effect.

(Contd. on page 4)
12 Ecological information

- **Persistence and degradability**: No further relevant information available.
- **Bioaccumulative potential**: No further relevant information available.
- **Additional ecological information**:
  - **General notes**:
    - Water hazard class 1 (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.

13 Disposal considerations

- **Waste treatment methods**
  - **Recommendation**: Smaller quantities can be disposed of with household waste.
- **Uncleaned packagings**
  - **Recommendation**: Disposal must be made according to official regulations.

14 Transport information

- **UN-Number**
  - DOT, ADR, ADN, IMDG, IATA Void
- **UN proper shipping name**
  - DOT, ADR, ADN, IMDG, IATA Void
- **Transport hazard class(es)**
  - DOT, ADR, ADN, IMDG, IATA Void
  - **Class** Void
- **Packing group**
  - DOT, ADR, IMDG, IATA Void
- **Environmental hazards**
  - **Marine pollutant**: No
- **Special precautions for user**
  - Not applicable.
- **Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code**
  - Not applicable.
- **UN "Model Regulation"**
  - -
### 15 Regulatory information

- **Sara**
  - **Section 355 (extremely hazardous substances):**
    None of the ingredient is listed.
  - **Section 313 (Specific toxic chemical listings):**
    None of the ingredients is listed.
  - **TSCA (Toxic Substances Control Act):**
    All ingredients are listed.
  - **Proposition 65**
    - **Chemicals known to cause cancer:**
      None of the ingredients is listed.
    - **Chemicals known to cause reproductive toxicity for females:**
      None of the ingredients is listed.
    - **Chemicals known to cause reproductive toxicity for males:**
      None of the ingredients is listed.
    - **Chemicals known to cause developmental toxicity:**
      None of the ingredients is listed.
  - **Cancerogenity categories**
    - **EPA (Environmental Protection Agency)**
      None of the ingredients is listed.
    - **TLV (Threshold Limit Value established by ACGIH)**
      None of the ingredients is listed.
    - **NIOSH-Ca (National Institute for Occupational Safety and Health)**
      None of the ingredients is listed.

### 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.

- **Version:** 1