**MATERIAL SAFETY DATA SHEET**

### RPD INFORMATION

| Address          | 5218 Barthel Industrial Drive  
                  | Albertville, MN 55301          |
|------------------|--------------------------------|
| Website          | www.rpdinc.com                 |
| Email            | sales@rpdinc.com               |
| Phone            | 763-497-2071 or 800-497-2071    |
| Fax              | 763-497-2295                   |

### RPD PRODUCT INFORMATION

<table>
<thead>
<tr>
<th>Item Number</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>266-100</td>
<td>Caulk Reprosil® Impression Material</td>
</tr>
</tbody>
</table>
MATERIAL SAFETY DATA SHEET

1.1 Product Trade Name: CAULK® TRAY ADHESIVE
1.2 Part (Item) Number: 626155

SECTION I

1.3 Division Name: Caulk/Dentsply
1.4 Address: Clarke and Lakeview Aves.
               Milford DE 19963-0359
1.5 Emergency phone number: (302) 422-4511
1.6 Phone number for information: (302) 422-4511
1.7 Date prepared: March 4, 1991

SECTION II - Hazardous Ingredients/Identity Information

<table>
<thead>
<tr>
<th>Harmful Components</th>
<th>OSHA PEL</th>
<th>ACGIH TLV</th>
<th>Other limits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Methylene Chloride</td>
<td>500 ppm</td>
<td>50 ppm</td>
<td></td>
</tr>
<tr>
<td>Toluene</td>
<td>200 ppm</td>
<td>100 ppm</td>
<td>200 ppm</td>
</tr>
<tr>
<td>Mineral Spirits</td>
<td>200 ppm</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

SECTION III - Physical/Chemical Characteristics

3.1 Boiling point: N.E.
3.2 Vapor pressure: 435 mm Hg @25°C
3.3 Vapor density: N.E.
3.4 Solubility in water: Partially
3.5 Appearance and odor: Clear purple liquid with characteristic odor.

SECTION IV - Fire and Explosion Hazard Data

4.1 Flash point (method used): 23°C, 73°F Tag Open Cup
4.2 Flammability (explosive limits): N.E.
   LEL: N.E.                      UEL: N.E.
4.3 Extinguishing media: Carbon dioxide, sand, foam, dry chemical; NaHCO₃ type.
4.4 Special fire fighting procedures: Fire fighters should wear full protective clothing including a self-contained breathing apparatus.
4.5 Unusual fire and explosion hazards: During a fire irritating and/or toxic gases and aerosols from decomposition/combustion may be present.

SECTION V - Reactivity Data

5.1 Stability: Unstable; Stable: X
5.2 Conditions to avoid (stability): Heat greater than 60°C, avoid sparks and open flames.
5.3 Incompatibility (materials to avoid): Mineral acids, alkalies, oxidizing agents.
5.4 Hazardous decomposition or by-products: Silicon dioxide, carbon dioxide, and incompletely burned carbon products.
5.5 Hazardous polymerization: May occur; Will not occur: X
5.6 Conditions to avoid (polymerization): Heat greater than 60°C, avoid sparks and open flames.
SECTION VI - Health Hazard Data

6.1 Route(s) of entry: Inhalation?: Yes  Skin?: Possible  Ingestion?: Possible
6.2 Health hazards (acute and chronic): Inhalation: may cause headache, nausea, vomiting, unconsciousness, kidney and lung damage and even death. Chronic exposure may result in elevated carboxy hemoglobin levels. Eye contact: causes pain, irritation, and possible reversible corneal injury. Skin contact: may dry the skin or irritate the skin causing dermatitis. Ingestion: may cause abdominal pain. Methylene chloride is metabolized in the body to carbon monoxide. Toxic effects are increased by presence of alcohol, carbon monoxide, smoking, or performing heavy labor.
6.3 Carcinogenicity NTP?: Listed  IARC monographs?: Possible (2b)
OSHA regulated?: Yes
6.4 Signs and symptoms of exposure: Fatigue, weak, confusion, euphoria above 200 ppm. Headache, nausea, vomiting, pain or irritation of the eye or skin, abdominal pain.
6.5 Medical conditions generally aggravated by exposure: Central nervous system depressant. Persons with angina or heart disease or those who are heavy drinkers or smokers should not be exposed to this product.
6.6 Emergency first aid procedures: Wash skin with soap and water after contact. If rash develops consult with a physician.

SECTION VII - Precautions for safe handling and use

7.1 Steps to be taken in case material is released or spilled: Collect leaking material in sealable containers, absorb spilled liquid in sand or inert absorbent and remove to safe place. For large spills a self-contained breathing apparatus may be necessary.
7.2 Waste disposal methods: Follow Local, State and Federal environmental control regulations.
7.3 Precautions to be taken in handling and storage: Store away from foodstuffs and beverages. Avoid contact with skin and eyes.
7.4 Other precautions: Store away from extreme heat.

SECTION VIII - Control Measures

8.1 Respiratory protection: None required in small quantities.
8.2 Ventilation: Local Exhaust - Mechanical. Mechanical (General): Yes - Recommended. Special: N.A. Other: N.A.
8.3 Protective Gloves: Vinyl Gloves
8.4 Eye protection: Safety Goggles
8.5 Other protective clothing or equipment: Rubber Apron
8.6 Work/Hygienic practices: Observe normal care for working with chemical.