



Expect Service

Radiation Products Design Inc

MATERIAL SAFETY DATA SHEET

RPD INFORMATION

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RPD PRODUCT INFORMATION

RPD is an authorized distributor

Item Number	Description
266-100	Caulk Reprosil® Impression Material

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

<u>Hazardous Components</u>	<u>OSHA PEL</u>	<u>ACGIH TLV</u>	<u>Other limits</u>
:Methylene Chloride	:500 ppm	:50 ppm	:
:Toluene	:200 ppm	:100 ppm	:200 ppm
:Mineral Spirits	:200 ppm	:	:
:	:	:	:
:	:	:	:
:	:	:	:

SECTION III - Physical/Chemical Characteristics

3.1 Boiling point : N.E. 3.6 Specific Gravity : 1.03 g/cm³
3.2 Vapor pressure : 435 mm Hg @25°C 3.7 Melting point : N.E.
3.3 Vapor density : N.E. 3.8 Evaporation rate : < 1
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 byproducts: 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.

- 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

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| 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. |