

SAFETY DATA SHEETS

This SDS packet was issued with item:

071733492

The safety data sheets (SDS) in this packet apply to the individual products listed below. Please refer to invoice for specific item number(s).

070357343 070357350 071733385 071733450 071733468 071733476 071733484 071733500 071734128 071734136
071734144 071734151 071734169 071734334 071734342 071734359 071734367 071734375 071734383 071734391

MATERIAL SAFETY DATA SHEET

SECTION I - Product/Company Information

1.1 Product Trade Name: INTEGRITY™ Temporary Crown & Bridge Material
1.2 Part (Item) Number: 666100-666119
1.3 Division Name: DENTSPLY Caulk
1.4 Address: 38 W. Clarke Avenue
 Milford DE 19963-0359
1.5 Emergency phone number: (800) 424-9300 (Chemtrec)
1.6 Phone number for information: (302) 422-4511
1.7 Date prepared: 09/20/95 Dated Revised: 08/26/98

SECTION II - Hazardous Ingredients/Identity Information

| Hazardous Components | OSHA PEL | ACGIH TLV |
|-------------------------------|----------|-----------|
| Glycol methacrylate | N.E. | N.E. |
| Multifunctional methacrylates | N.E. | N.E. |
| Malonylurea derivative | N.E. | N.E. |

SECTION III - Physical/Chemical Characteristics

3.1 Boiling point: 214°F (101°C)
3.2 Vapor pressure: Negligible
3.3 Vapor density: >1
3.4 Solubility in water: Not Soluble
3.5 Appearance and odor: Creamy white-yellowish paste, with no odor. Multiple shades.
3.6 Specific Gravity: 1.4 g/cm³
3.7 Melting point: N.A.
3.8 Evaporation rate: >1

SECTION IV - Fire and Explosion Hazard Data

4.1 Flash point (method used): >100°C (DIN, ASTM)
4.2 Flammability (explosive limits): N.E.
 LEL: N.E. UEL: N.E.
4.3 Extinguishing media: Carbon dioxide, foam, and dry chemical.
4.4 Special fire fighting procedures: Firefighters should wear full protective clothing including a self contained breathing apparatus. Water may be ineffective unless used as a fine spray or fog. Use water spray to cool fire exposed containers.
4.5 Unusual fire and explosion hazards: During a fire, irritating gas may be present from the decomposition of the dimethacrylate resins. Polymerization on heating, exothermically.

SECTION V - Reactivity Data

5.1 Stability: Unstable: Stable: X
5.2 Conditions to avoid (stability): Direct sunlight on paste, elevated temperatures above 50°C (122°F).
5.3 Incompatibility (materials to): Strong oxidizing materials,

avoid): peroxides, metal powders, and free radical initiators.

5.4 Hazardous decomposition or byproducts: In case of fire, acrid fumes and traces of hydrogen chloride.

5.5 Hazardous polymerization: May occur: X Will not occur:

5.6 Conditions to avoid (polymerization): Elevated temperatures, metal powders, peroxides, free radical initiators.

SECTION VI - Health Hazard Data

6.1 Route(s) of entry: Inhalation?: No Skin?: Yes Ingestion?: Possible

6.2 Health hazards (acute and chronic): Avoid contact with eyes. May cause irritation. **Eyes:** Material can cause irritation. **Skin:** Material may be an irritant. Susceptible persons with known allergies to methacrylates and acrylates may develop allergic response. **Ingestion:** Material is probably not harmful if swallowed.

6.3 Carcinogenicity: NTP?: Not listed IARC monographs?: Not listed OSHA regulated?: No
All components of this product are in compliance with the inventory listing Requirements of the U.S. Toxic Substances Control Act (TSCA) Chemical Substance Inventory.

6.4 Signs and symptoms of exposure: Dermal redness or irritation. Severe allergic response may result in breathing difficulties.

6.5 Medical conditions generally aggravated by exposure: Open sores and wounds of the skin. Individuals with known sensitivity to methacrylates, acrylates, or urethane dimethacrylates.

6.6 Emergency first aid procedures: **Eyes:** In case of eye contact, flush with flowing water for 15 minutes. Get prompt medical attention. **Skin:** Wash skin with soap and water. If irritation persists, call physician. **Ingestion:** If swallowed give 2 glasses of water to drink. See a physician.

SECTION VII - Precautions for Safe Handling and Use

7.1 Steps to be taken in case material is released or spilled: Scoop up bulk material and place in a labeled plastic or metal container. Avoid gross skin contact to minimize the possibility of contact dermatitis to susceptible persons.

7.2 Waste disposal methods: Dispose of in accordance with Federal, State and Local environmental control regulations.

7.3 Precautions to be taken in handling and storage: Store away from food and beverages. Store away from extreme heat.

7.4 Other precautions: Observe normal warehouse handling procedures.

SECTION VIII - Control Measures

8.1 Respiratory protection: None required during normal use of this product.

8.2 Ventilation: None required during normal intended use of this product.

8.3 Protective Gloves: Latex or vinyl gloves

8.4 Eye protection: Protective goggles.

8.5 Other protective clothing or equipment:

Chemically resistant apron or other impervious clothing.

8.6 Work/Hygienic practices:

Observe normal care when working with chemicals.

| NFPA Hazard Classifications | |
|-----------------------------|------|
| Health | 0 |
| Flammability | 1 |
| Reactivity | 0 |
| Specific Hazard | N.A. |

NFPA - National Fire Protection

N.A. - Not Applicable

N.E. - Not Established

566897 (R-8/98)