

MATERIAL SAFETY DATA SHEET

1.1 Product Trade Name: **INTEGRITY™**

1.2 Part (Item) Number:

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 :June 26, 1995

SECTION II - Hazardous Ingredients/Identity Information

<u>Hazardous Components</u>	<u>OSHA PEL</u>	<u>ACGIH TLV</u>	<u>Other limits</u>
:Glycol methacrylate	:N.E.	:N.E.	:N.E.
:Multifunctional methacrylates	:N.E.	:N.E.	:N.E.
:Malonylurea derivative	:N.E.	:N.E.	:N.E.

SECTION III - Physical/Chemical Characteristics

3.1 Boiling point	: 214°F /101°C	3.6 Specific Gravity	: 1.4 g/cm ³
3.2 Vapor pressure	: Negligible	3.7 Melting point	: N.A
3.3 Vapor density	: >1	3.8 Evaporation rate	: > 1
3.4 Solubility in water	: 0% wt/wt		
3.5 Appearance and odor:	White-yellowish paste, odorless		

SECTION IV - Fire and Explosion Hazard Data

4.1 Flash point (method used) : >100°C (DIN, ASTM)
4.2 Flammability (explosive limits) :
LEL: N.E. UEL: N.E.
4.3 Extinguishing media : Foam, carbon dioxide, dry chemical.
4.4 Special fire fighting procedures : 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 : Polymerization on heating, exothermically

SECTION V - Reactivity Data

5.1 Stability : Unstable: X Stable:
5.2 Conditions to avoid (stability): Elevated temperatures and direct sunlight.
5.3 Incompatibility (materials to avoid): Peroxides, metal powders, strong oxidizing materials and free radical initiators.
5.4 Hazardous decomposition or byproducts: In case of fire, acid 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?: Skin?: Yes Ingestion?: Yes
6.2 Health hazards (acute and chronic): Allergic reactions to methacrylates as possible (sensitized). In case of eye contact, irritating.
6.3 Carcinogenicity NTP?: Not listed IARC monographs?: Not listed
OSHA regulated?: No
6.4 Signs and symptoms of exposure: In case of allergic reactions, typical signs and symptoms of allergies.
6.5 Medical conditions generally aggravated by exposure: Allergies to methacrylates.
6.6 Emergency first aid procedures: In case of allergic reactions by skin contact, wash with soap and water, remove contaminated clothing: in case of eye contact, rinse with plenty of water, consult physician.

SECTION VII - Precautions for safe handling and use

- 7.1 Steps to be taken in case material is released or spilled: Absorb with inert material, remove to an open area and allow time to cure, place in a container for disposal as solid waste
- 7.2 Waste disposal methods: Dispose of in accordance with all applicable Federal, State and Local regulations.
- 7.3 Precautions to be taken in handling and storage: Protect from bright light and heat, deep away from foodstuffs.
- 7.4 Other precautions: Avoid pollution of water and sewage.
-
-

SECTION VIII - Control Measures

- 8.1 Respiratory protection : None
- 8.2 Ventilation :
- 8.3 Protective Gloves : Yes
- 8.4 Eye protection : Yes
- 8.5 Other protective clothing or equipment:
- 8.6 Work/Hygienic practices : Use according to directions, avoid prolonged contact with skin
-
-