

COMPANY INFORMATION

COMPANY NAME: ORTHO SPECIALTIES
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SECTION I – IDENTIFICATION

CHEMICAL NAME: Bisphenol A Diglycidyl Methacrylate (CAS#001565-94-2), Triethylene Glycol Dimethacrylate (CAS#109-16-0).

CHEMICAL FAMILY: Methacrylates

FORMULA: C₂₉H₃₆O₆ (H₂C=(CH₃) CO₂CH₂CH₂OCH₂)₂

SECTION II – HAZARDOUS INGREDIENTS

Bisphenol A Diglycidyl Methacrylate Triethylene Glycol Dimethacrylate
TLV: Not Available

SECTION III – PHYSICAL DATA

BOILING POINT: N/A
SOLUBILITY IN WATER: Negligible
VAPOR PRESSURE (mmHg): N/A
SPECIFIC GRAVITY: N/A
VAPOR DENSITY: N/A
EVAPORATION RATE: N/A
% VOLATILE BY VOLUME: N/A
APPEARANCE AND ODOR BASE: Clear Solution with faint resin odor.
APPEARANCE AND ODOR CATALYST: White Paste with faint resin odor.

SECTION IV – FIRE AND EXPLOSION HAZARD DATA

FLASH POINT: (F) N/A
EXTINGUISHING MEDIA: Foam, Carbon Dioxide or Dry Chemical
FIRE AND EXPLOSION HAZARD: None

SECTION V – REACTIVITY DATA

STABILITY: Stable.
CONDITIONS TO AVOID: High Temperature prolonged storage above 35°C, Direct Sunlight, High Intensity Light.
INCOMPATIBILITY MATERIALS: Strong Acid, Peroxides and other oxidizing agent.
HAZARDOUS DECOMPOSITION: Carbon Monoxide and Dioxide, low molecular weight. Hydrocarbons and Organic Acids.
HAZARDOUS POLYMERIZATION: May occur.
CONDITIONS TO AVOID: Light, open flames, contamination and prolonged storage above 35°C (100°F).

VISIBLE LIGHT CURE ORTHODONTIC ADHESIVE BONDING

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SECTION VI - HEALTH HAZARD DATA

SKIN:
EFFECTS OF OVEREXPOSURE: May cause irritation.
SKIN FIRST AID PROCEDURES: Wash with soap and water. If irritation persists, get medical attention.

EYES:
EFFECTS OF OVEREXPOSURE: May cause irritation. Flush promptly with large amount of water for 15 minutes and get medical attention.

INHALATION:
EFFECTS OF OVEREXPOSURE: A very large amount of uncured material can cause Dyspepsia, Nausea, Vertigo.

INGESTION FIRST AID PROCEDURE:
Consult a physician promptly.

SECTION VII – SPILL AND LEAK PROCEDURES

Steps to be taken in case material is released or spilled:
Absorb with inert materials such as dry sand and place in closed container for disposal as solid waste.

Waste disposal methods: This disposal method is recommendation only. Be sure to dispose of materials in full accordance with all local, state and federal regulations applicable.

SECTION VIII – SPECIAL PROTECTION

Respiratory Protection, Ventilation, Protective Gloves, Eye Protection and other protective equipment. Not required under normal condition of use. Not required under normal conditions of use.

SECTION IX – SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE:
Keep materials capped at all the time right after use. Store at room temperature.

OTHER PRECAUTIONS:
We recommend obtaining a copy of the "Director of Poison Control Centers" To obtain a copy, write to: Superintendent of Documents, US Government Printing Office, Washington D.C.

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