SDS - Safety Data Sheet

ORTHO ARCH

1 IDENTIFICATION

Product Identity/Trade Name: Mini Mold Products

Chemical Family: Thermoplastic Elastomer

Product Use: Dental Applications

Manufacturer: Ortho Arch
1107 Tower Road, Schaumburg, IL 60173

Telephone: (847) 885-7805 **Fax:** (847) 885-2596

Emergency Contact: (847) 885-7805

2 HAZARD(S) IDENTIFICATION

Classifications:

OSHA Regulatory Status
This chemical is not considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200)

The product contains no substances which at their given concentration, are considered to be hazardous to health.

Hazards not otherwise specified: None

There are no known Adverse Affects.

3 COMPOSITION/ INFORMATION ON INGREDIENTS

The components of this product are embedded in an impervious polymer matrix and are therefore not biologically available. Any hazardous constituents are fixed in the polymer matrix and therefore present a negligible exposure risk under normal conditions of processing and handling. Additives contained in this product do not pose a risk to health unless they are liberated during processing (fumes from melting, dusts). Suitable Industrial Hygiene precautions should be implemented to prevent (respirable) dust and fume exposures. Exposure to (melting) fumes should be kept as low as possible, using suitable ventilation equipment. Dusts and fumes created from secondary processing may be irritating to respiratory tract and skin and should be considered as potentially hazardous. If user operations generate dust, fumes, or mist, use ventilation to keep exposure to airborne contaminants below the exposure limit.

4 FIRST-AID MEASURES

Eye Contact: Rinse thoroughly with plenty of water, also under the eyelids. Get medical attention if symptoms occur.

Skin Contact: Wash with soap and water.

Inhalation: None under normal use conditions.

Ingestion: Get medical attention.

Most important symptoms and effects, both acute and delayed:

Symptoms: No information available.

Note to physicians: Treat symptomatically.

5 FIRE-FIGHTING MEASURES

Suitable Extinguishing Media: Dry chemical, CO2 or water spray.

Specific hazards arising from the chemical: Thermal decomposition can lead to release of irritating and toxic gases and vapors.

Hazardous combustion products: Carbon monoxide. Carbon dioxide (CO2). Hydrocarbons.

Protective equipment and precautions for firefighters: Use personal protective equipment as required. In the event of fire and/or explosion do not breathe fumes.

6 ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures:

Personal Precautions: Use personal protective equipment as required.

Environmental Precautions:

Environmental Precautions: Do not allow into any sewer, on the ground or into any body of water.

Methods and material for containment and cleaning up:

Methods for Containment: Prevent further leakage or spillage if safe to do so.

Methods for Clean-Up: Pick up and transfer to properly labeled containers.

7 HANDLING AND STORAGE

Precautions for safe handling:

Advice on safe handling: Use personal protective equipment as required. Handle in accordance with good industrial hygiene and safety practice.

Conditions for safe storage, including any incompatibilities

Storage Conditions: Keep container tightly closed.

Incompatible Materials: None known based on information supplied.

8 EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Guidelines:

Appropriate engineering controls:

Engineering Controls: Ensure adequate ventilation, especially in confined areas.

Individual protection measures, such as personal protective equipment

Eye/Face Protection:	Wear safety glasses with side shields (or goggles).
Skin and Body Protection:	No special technical protective measures are necessary.
Respiratory Protection:	No protective equipment is needed under normal use conditions. If exposure limits are exceeded or irritation is experienced, ventilation and evacuation may be required.
General Hygiene Considerations:	Handle in accordance with good industrial hygiene and safety practice.

9 PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties:

Physical State: Solid **Odor:** No information available

Appearance: Pellets **Odor Threshold:** No information available

Color: No information available

Property:	
pH Value:	Not applicable
Melting point/Freezing point:	Not applicable
Boiling point/Boiling range:	Not applicable
Flash Point and Self Ignition point:	Not applicable
Flash (piloted) Ignition Temperature:	>650°F (343°C)
Self-Ignition (non-piloted) Temperature:	>700°F(371°C)
Method: ASTM D 1929-77	
Evaporation Rate:	Not applicable
Flammability (solid,gas):	Not applicable
Flammability Limit in Air:	Not applicable
Vapor Pressure:	Not applicable
Vapor Density:	Not applicable
Specific Gravity:	Not applicable
Water Solubility:	Negligible
Solubility in other solvents:	Not applicable
Partition coefficient:	Not applicable
Autoignition Temperature:	Not applicable
Decomposition Temperature:	Not applicable
Kinematic Viscosity:	Not applicable
Dynamic Viscosity:	Not applicable
Explosive Properties:	Not applicable
Oxidizing Properties:	Not applicable

10 STABILITY AND REACTIVITY

Reactivity: No data available.

Chemical Stability: Stable under normal conditions.

Possibility of Hazardous Reactions: None under normal processing.

Conditions to Avoid: Avoid overheating to minimize fume production.

Incompatible Materials: None known based on information supplied.

Hazardous Decomposition Products: Carbon monoxide, Carbon dioxide (CO2), Hydrocarbons.

11 TOXICOLOGICAL INFORMATION

Information on likely routes of exposure:

Oral Toxicity: Not applicable

Inhalation: Not applicable

Eye Irritation: Not applicable

Skin Irritation: Not applicable

Sensitization: Not applicable

12 ECOLOGICAL INFORMATION

Ecotocitiy: Not Affected

Persistence and degradability: Not Affected

Bioaccumulation: Not Affected

Mobility: Not Affected

Other adverse effects: Not Affected

13 DISPOSAL CONSIDERATIONS

Waste treatment methods:

Disposal of wastes: Disposal should be in accordance with applicable regional, national and local laws and regulations.

Contaminated packaging: Dispose of in accordance with federal, state and local regulations.

14 TRANSPORT INFORMATION

DOT:	Not Applicable
IATA:	Not Applicable
IMDG:	Not Applicable

15 REGULATORY INFORMATION

International Inventories:

TSCA: Complies.

Legend:

TSCA - United States Toxic Substances Control Act Section 8(B) Inventory.

US Federal Regulations:

SARA Section 311/312: Hazard Notification

Hazard categories under reporting criteria of SARA Title III rules (40 CFR Part 370):	Not Applicable
Acute Health Hazard:	No
Chronic Health Hazard:	No
Fire Hazard:	No
Sudden release of pressure hazard:	No
Reactive Hazard:	No

SARA Section 313: Hazardous Chemical(s)

Hazardous Chemical(s) under reporting criteria of SARA Title III rules (40 CFR 372):	Not Applicable

US State Regulations:

California Proposition 65:

As formulated this product does not contain Proposition 65 chemicals.

Other Regulations:

EU Regulation (EC) No. 1907/2006 (REACH):
As formulated, this product does not contain any ingredients listed as an SVHC above 0.1%.

EU - Hazardous Substances Restricted or Prohibited in Electrical Equipment (2011/65/EU) (RoHS):
As formulated, this compound complies with the EU RoHS Directive (2011/65/EU) (RoHS) and does not contain any restricted materials above threshold levels. The RoHS directive restricts the use of Lead, Cadmium, Chrome VI, Mercury, PBBs and all PBDE material.

Conflict Materials:
As formulated, the raw materials used in this product do not intentionally contain any of the "Conflict Minerals". Conflict Minerals consist of Gold, Columbite-Tantalite (Tantalum), Casserite (Tin), and Wolframite (Tungsten) the originate from the Democratic Republic of Congo or adjoining countries.

16 OTHER INFORMATION

NFPA:

Health Hazards: 0

Flammability: 1

Instability: 0

Physical and Chemical Properties: 0