

## Material Safety Data Sheet

CEE 91/155 and CEE/93/112 Directives

**ORTHO PLUS**

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### 1. Identification of the substance/device :

1.1 Device name :

**MINI MOLD**

### 2. Composition, information on ingredients:

Composition	CAS N°	wt%
2.1 DynaFlex G2755-1000-00 / Styrene Block Copolymer Compound	/	/
Per Directive 1999/45/EC this product/product family is not classified as dangerous toward health or workplace hazards.		

### 3. Hasards identification:

This product contains no hazardous ingredients as defined under the criteria of the Federal OSHA Hazard Communication Standard 29 CFR 1910.1200  
 Dangerous substances : N/A  
 Adverse effects : N/A

### 4. First aid measures:

The following measures should be taken for exposure by the following methods :

**Inhalation:** product may cause mild mechanical irritation to the nose, throat and respiratory tract. Remove to fresh air and consult a physician.

**Skin contact:** product is presumed to be minimally irritating to the skin. Wash affected areas with soap and water. Contact a physician if a rash appears.

**Eye contact:** may cause mechanical irritation. Flush eyes with plenty of lukewarm water. See physician if irritation is present and persists.

**Ingestion:** product is generally considered to have a low order of acute oral toxicity.

NOTE: product is non-hazardous in its finished form and no threat to the eyes, inhalation, and ingestion or for skin absorption. This product does not contain any form of latex rubber.

### 5. Fire fighting measures:

Mini Mold Products

**Suitable Extinguishing Media :** Water, Dry Chemical, Carbon Dioxide, Foam

**Unsuitable Extinguishing Media :** N/A

**Particular Hazards :** material will not burn unless reheated

**Protective equipment for Fire-Fighters:** full emergency equipment with self-contained breathing apparatus should be worn by firefighters.

### 6. Accidental release measures:

#### - Personal Precaution, such as:

Environmental Precautions, such as: Remove mechanically by method which minimizes generation of airborne dust.

Cleaning methods, such as: Material may be incinerated or land filled in compliance with Federal, State and local environmental control regulations.

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### 7. **Handling and storage:**

Handling: Remove raw material mechanically by method which minimizes generation of airborne dust.

Storage: Material should be stored in a clean, dry environment in sealed containers.

Specific use: The end product should be protected from light, humidity and extreme heat.

### 8. **Exposure controls/personal protection:**

**Exposure limit value:** Although no exposure limit has been established for this product, the OSHA PEL for nuisance dust of 15mg/m<sup>3</sup>-total dust, 5 mg/m<sup>3</sup>-respirable dust is recommended. In addition, the ACGIH-TLV for nuisance dust of 10 mg/m<sup>3</sup> is recommended.

**Exposure Controls:** N/A

**Personal Protective Clothing and Equipment:**

- Respiratory: Not ordinarily required
- Hand protection: Fabric gloves are recommended when handling molten material.
- Eye protection: Safety glasses recommended.
- Skin Protection: Heat protective clothing.

### 9. **Physical and chemical properties:**

#### 9.1 General information:

9.1.1 Form: Pellets

9.1.2 Color: Natural

9.1.3 Odor: Odorless/Slight

#### 9.2 Important health, safety and environmental information

9.2.1 Ph Value: Not established

9.2.2 Boiling point/Range: Not applicable

9.2.3 Flash point: Not applicable

9.2.4 Flammability (solid/gas): Not applicable

9.2.5 Explosive properties: Not Applicable

9.2.6: Oxidizing properties: Not Applicable

9.2.7 Vapor Pressure: Negligible

9.2.8 Relative density: Not Applicable

9.2.9 Solubility:

(a) Water – Negligible

(b) Solvents – Negligible

9.2.10 Partition coefficient: n-octanol/water: Not Applicable

9.2.11 Viscosity: Not Applicable

9.2.12 Vapor Density: Not Applicable

9.2.13 Evaporation rate: Not Applicable

#### 9.3 Indicate other important safety parameters, such as miscibility, conductivity, melting point/melting range, gas group, auto-ignition and temperature.

Melting/Freezing point: Not applicable

Solubility in Water: Negligible

Specific gravity: .86 – 1.03

Bulk Density: U/K

% Volatile by Volume: Negligible

### 10. **Stability and reactivity:**

**10.1 Conditions to avoid:** High heat and moisture. Exposure to ultraviolet light (sunlight) may cause increased deterioration and yellowing of finished product.

**10.2 Materials to avoid:** Strong oxidizing agents

**10.3 Hazardous Decomposition Products:** at processing temperatures, some degree of thermal degradation will occur, although highly dependent on temperature and environmental conditions.

**10.4 Thermal Decomposition:** U/K

NOTE/ no threat to the environment

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### 11. Toxicological information:

- 11.1 Oral Toxicity: N/A
- 11.2 Inhalation: N/A
- 11.3 Skin irritation: N/A
- 11.4 Sensitization: N/A
- 11.5 Eye irritation: N/A
- 11.6 Further details: None

### 12. Ecological information:

- 12.1 Ecotoxicity: Not affected
- 12.2 Mobility (groundwater): Not affected
- 12.3 Persistence and degradability: Not affected
- 12.4 Bioaccumulative potential: Not affected
- 12.5 Other adverse effects: Not affected

### 13. Disposal considerations:

- 13.1 Product: Dispose as a biohazard material taking into consideration the product may have human fluids present.
- 13.2 Packaging: Normal landfill disposal. Plastic bags can be recycled.
- 13.3 Waste disposal Code: None

### 14. Transport information:

- 14.1 UN Number: N/A
- 14.2 Class: N/A
- 14.3 Proper shipping name: N/A
- 14.4 Packing group: N/A
- 14.5 Marine pollutant: N/A
- 14.6 Other applicable information: N/A

### 15. Regulatory information:

- 15.1 Labeling information: This product family does not have any biocompatibility issues.

### 16. Other information:

- 16.1 The information contained herein is based on the present state of our supplier's knowledge and is intended to describe the materials used in this product from the point of view of safety requirements. Therefore, it should not be construed as guaranteeing specific properties.
- 16.2 This is the first release of the MSDS from our supplier, May 3, 2004.

N/A = Not applicable  
N/D = Not determined

While the information and recommendations set forth on this data sheet are believed to be accurate as received from our suppliers, ORTHOPLUS makes no warranty with respect thereto and disclaims all liability from reliance thereon.