

# SAFETY DATA SHEET

according to Regulation (EC) No. 453/2010

Date Issued : 12/01/2008  
 SDS No : BS1010  
 Date Revised : 10/28/2015  
 Revision No : 8

## Metal Primer

### SECTION 1 : Identification of the substance/preparation and of the company/undertaking

#### 1.1. Product identifier

**Product code** : OT-ME  
**Product name** : Metal Primer  
**Product description** : 6860M709  
**Generic name** : Methyl Methacrylate  
**Chemical family** : Methacrylate

#### 1.2. Relevant identified uses of the substance or mixture and uses advised against

#### 1.3. Details of the supplier of the safety data sheet

##### Manufacturer

Ortho Technology, Inc.  
 17401 Commerce Park Boulevard  
 Tampa, FL 33647

**Emergency Phone** : 1-800-999-3161  
**E-Mail** : ljohnson@orthotechnology.com

#### 1.4. Emergency telephone number

For Chemical Emergency  
 Spill Leak or Fire Exposure or Accident  
 Call CHEMTREC Day or Night  
 Domestic North America 1-800-424-9300  
 International, Call +1 703-527-3887 (collect calls accepted)

### SECTION 2: Hazards identification

#### 2.1. Classification of the substance or mixture

**Classification according to Directive 67/548/EEC**

#### 2.2. Label elements

Avoid breathing dust/fume/gas/mist/vapours/spray.

**Classification according to Directive 67/548/EEC**

**Hazard pictogram(s)** :



Flammable  
liquid

**Classification according to Regulation (EC) No 1272/2008 [CLP]**

**Hazard pictogram(s)** :



Exclamation  
mark

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**Hazard statement(s)** : H315 + H320: Causes skin and eye irritation.  
H302 + H332: Harmful if swallowed or if inhaled.

### 2.3. Other hazards

## SECTION 3: Composition / information on ingredients

### 3.1. Substances

| Chemical Name                     | CAS      | EINECS No. | Vol. %  |
|-----------------------------------|----------|------------|---------|
| Triethylene Glycol Dimethacrylate | 109-16-0 | 201-297-1  | 0 - 100 |

### 3.2. Mixtures

Not Applicable

## SECTION 4: First aid measures

### 4.1. Description of first aid measures

- Following eyes** : Flush eyes with water for at least 15 minutes, lifting eyelids occasionally. Get medical attention immediately.
- Following skin** : Wash with soap and water for at least 15 minutes. remove any contaminated clothing.
- Following ingestion** : If swallowed, dilute by giving 2 glasses of water to drink. Seek medical attention. Never give anything by mouth to an unconscious person.
- Following inhalation** : Remove to fresh air. If not breathing, give artificial respiration. Call a physician.

### 4.2. Most important symptoms and effects, both acute and delayed

### 4.3. Indication of any immediate medical attention and special treatment needed

## SECTION 5: Fire fighting measures

### 5.1. Extinguishing media

**Extinguishing media** : Chemical foam, Carbon dioxide, Dry chemicals, water spray

### 5.2. Special hazards arising from the substance or mixture

**Fire explosion** : Uncontrolled polymerization may produce a rapid release of energy with the potential for an explosion of unvented closed containers. Vapors are heavier than air and may travel to sources of ignition.

### 5.3. Advice for firefighters

**Fire fighting procedures** : Fight advanced fires from a protected location. Use water spray to cool containers exposed to fire

## SECTION 6: Accidental release measures

### 6.1. Personal precautions, protective equipment and emergency procedures

### 6.2. Environmental precautions

### 6.3. Methods and material for containment and cleaning up

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- |                    |   |
|--------------------|---|
| <b>Small spill</b> | : Eliminate sources of ignition. Wear skin, eye and respiratory protection. Contain spills with inert material. Soak up liquid with absorbent material. |
| <b>Large spill</b> | : Eliminate sources of ignition. Wear skin, eye and respiratory protection. Contain spills with inert material. Soak up liquid with absorbent material. |

### 6.4. Reference to other sections

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

- |                           |  |
|---------------------------|--|
| <b>General procedures</b> | : Material is highly volatile, keep containers tightly closed immediately after use. |
| <b>Handling</b>           | : Keep away from heat, sparks, flame, direct sunlight and elevated temperatures.     |
| <b>Storage</b>            | : Keep away from heat, sparks, flame, direct sunlight and elevated temperatures.     |

### 7.2. Conditions for safe storage, including any incompatibilities

### 7.3. Specific end use(s)

## SECTION 8: Exposure controls / personal protection

### 8.1. Control parameters

### 8.2. Exposure controls

- |                                |  |
|--------------------------------|--|
| <b>Engineering controls</b>    | : Ventilation: Local exhaust strongly recommended.                 |
| <b>Eye/face protection</b>     | : Splash Goggles recommended.                                      |
| <b>Skin protection</b>         | : Disposable vinyl gloves recommended                              |
| <b>Respiratory protection</b>  | : Use MSHA-NIOSH approved respirator for organic vapors.           |
| <b>Protective clothing</b>     | : Chemical resistant apron.  |
| <b>Work hygienic practices</b> | : Normal safe practices. Use only in a highly professional manner. |
| <b>Other precautions</b>       | : Eyewash station  |

## SECTION 9: Physical and chemical properties

### 9.1. Information on basic physical and chemical properties

- |                            |                             |
|----------------------------|-----------------------------|
| <b>Physical state</b>      | : Liquid                    |
| <b>Appearance</b>          | : Clear colorless liquid.   |
| <b>Colour</b>              | : Colorless                 |
| <b>Odour</b>               | : Fruity odor               |
| <b>Melting temperature</b> | : Not Established           |
| <b>Boiling temperature</b> | : Not Established           |
| <b>Flash point</b>         | : 10°C SETA Flash Tester CC |

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|                            |                                       |
|----------------------------|---------------------------------------|
| <b>Evaporation rate</b>    | : (Butyl acetate = 1) Not Established |
| <b>Flammable limits</b>    | : 0 to 0                              |
| <b>Notes</b>               | : Not Established                     |
| <b>Vapor pressure</b>      | : Not Established                     |
| <b>Vapor density</b>       | : Not Established                     |
| <b>Specific gravity</b>    | : (H <sub>2</sub> O = 1) 0.94         |
| <b>Solubility in water</b> | : Moderately soluble                  |

### 9.2. Other information

**(VOC)** : 100.000

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

### 10.2. Chemical stability

**Chemical stability** : Unstable.

### 10.3. Possibility of hazardous reactions

**Possibility of hazardous reactions** : Polymerization catalyst may cause polymerization

**Hazardous polymerization** : Hazardous polymerization may occur.

### 10.4. Conditions to avoid

**Conditions to avoid** : Heat and sources of ignition.

### 10.5. Incompatible materials

**Incompatible materials** : Avoid contact with acids, bases, oxidizing agents, reducing agents, UV light

### 10.6. Hazardous decomposition products

**Hazardous decomposition products** : None known.

## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

## SECTION 12: Ecological information

### 12.1. Toxicity

### 12.2. Persistence and degradability

### 12.3. Bioaccumulative potential

### 12.4. Mobility in soil

### 12.5. Results of PBT and vPvB assessment

### 12.6. Other adverse effects

**Additional information** : Not Available

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### SECTION 13: Disposal considerations

#### 13.1. Waste treatment methods

- Product disposal** : Dispose of waste in accordance with local, state, and federal regulations. Material is a hazardous waste (U162).
- Disposal method** : Dispose of waste in accordance with local, state, and federal regulations. Material is a hazardous waste (U162).

### SECTION 14: Transport information

#### 14.1. UN number

#### 14.2. UN proper shipping name

#### 14.3. Transport hazard class(es)

**Primary hazard class/division** : 3

#### 14.4. Packing group

#### 14.5. Environmental hazards

#### 14.6. Special precautions for user

#### 14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code

**Additional information** : None required

### SECTION 15: Regulatory information

#### 15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

#### 15.2. Chemical safety assessment

**Additional information** : None Reported

### SECTION 16: Other information

- Reason for issue** : New MSDS Format
- Approved by** : J. Hutchins **Title** :QA/RA Director
- Prepared by** : T. Swan
- Information contact** : 1-800-999-3161
- Revision summary** : This MSDS replaces the 10/28/2015 MSDS. Revised: **Section 3:** .
- Manufacturer disclaimer** : To the best of our knowledge, the information contained herein is accurate. However, neither the above named supplier nor any of its subsidiaries assumes any liability whatsoever for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.