

SAFETY DATA SHEET

Date Issued: 12/01/2008
 MSDS No: BS1010
 Date Revised: 06/11/2009
 Revision No: 2

Metal Primer

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

PRODUCT NAME: Metal Primer
PRODUCT DESCRIPTION: Metal Primer
PRODUCT CODE: OT-ME
CHEMICAL FAMILY: Methacrylate
GENERIC NAME: Methyl Methacrylate

MANUFACTURER

Ortho Technology, Inc.
 17401 Commerce Park Boulevard
 Tampa FL 33647
Product Stewardship: 1-800-999-3161

24 HR. EMERGENCY TELEPHONE NUMBERS

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)

2. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name	CAS	EINECS
Methacrylate Monomers	80-62-6	201-297-1

3. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW

PHYSICAL APPEARANCE: Clear colorless liquid with fruity odor

POTENTIAL HEALTH EFFECTS

EYES: May cause irritation and burning.

SKIN: Can cause moderate irritation. Repeated exposure can cause allergic reaction.

INHALATION: Inhalation of vapor or mist can cause irritation of the nose and throat. Repeated or prolonged exposure can cause headache, nausea, drowsiness and unconsciousness.

MEDICAL CONDITIONS AGGRAVATED: Persons with pre-existing skin sensitivity.

ROUTES OF ENTRY: Inhalation, ingestion, skin contact.

4. FIRST AID MEASURES

EYES: Flush eyes with water for at least 15 minutes, lifting eyelids occasionally. Get medical attention immediately.

SKIN: Wash with soap and water for at least 15 minutes. remove any contaminated clothing.

INGESTION: If swallowed, dilute by giving 2 glasses of water to drink. Seek medical attention. Never give anything by mouth to an unconscious person.

INHALATION: Remove to fresh air. If not breathing, give artificial respiration. Call a physician.

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5. FIRE FIGHTING MEASURES

EXTINGUISHING MEDIA: Chemical foam, Carbon dioxide, Dry chemicals, water spray

FIRE FIGHTING PROCEDURES: Fight advanced fires from a protected location. Use water spray to cool containers exposed to fire

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.

HAZARDOUS DECOMPOSITION PRODUCTS: None known.

6. ACCIDENTAL RELEASE MEASURES

SMALL SPILL: Eliminate sources of ignition. Wear skin, eye and respiratory protection. Contain spills with inert material. Soak up liquid with absorbent material.

LARGE SPILL: Eliminate sources of ignition. Wear skin, eye and respiratory protection. Contain spills with inert material. Soak up liquid with absorbent material.

7. HANDLING AND STORAGE

GENERAL PROCEDURES: Material is highly volatile, keep containers tightly closed immediately after use.

HANDLING: Keep away from heat, sparks, flame, direct sunlight and elevated temperatures.

STORAGE: Keep away from heat, sparks, flame, direct sunlight and elevated temperatures.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

ENGINEERING CONTROLS: Ventilation: Local exhaust strongly recommended.

PERSONAL PROTECTIVE EQUIPMENT

EYES AND FACE: Splash Goggles recommended.

SKIN: Disposable vinyl gloves recommended

RESPIRATORY: Use MSHA-NIOSH approved respirator for organic vapors.

PROTECTIVE CLOTHING: Chemical resistant apron.

WORK HYGIENIC PRACTICES: Normal safe practices. Use only in a highly professional manner.

OTHER USE PRECAUTIONS: Eyewash station

9. PHYSICAL AND CHEMICAL PROPERTIES

FLASHPOINT AND METHOD: 10°C SETA Flash Tester CC

FLAMMABLE LIMITS: Not Established

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PHYSICAL STATE: Liquid
ODOR: Fruity odor
APPEARANCE: Clear colorless liquid.
COLOR: Colorless
VAPOR PRESSURE: Not Established
VAPOR DENSITY: Not Established
BOILING POINT: Not Established
MELTING POINT: Not Established
SOLUBILITY IN WATER: Moderately soluble
EVAPORATION RATE: (Butyl acetate = 1) Not Established
SPECIFIC GRAVITY: (H₂O = 1) 0.94

10. STABILITY AND REACTIVITY

STABILITY: Unstable.
POLYMERIZATION: Hazardous polymerization may occur.
CONDITIONS TO AVOID: Heat and sources of ignition.
POSSIBILITY OF HAZARDOUS REACTIONS: Polymerization catalyst may cause polymerization
HAZARDOUS DECOMPOSITION PRODUCTS: None known.
INCOMPATIBLE MATERIALS: Avoid contact with acids, bases, oxidizing agents, reducing agents, UV light

11. TOXICOLOGICAL INFORMATION

EYE EFFECTS: Irritation to the eyes can occur
SKIN EFFECTS: Irritation to the skin can occur
CARCINOGENICITY
IARC: Not Applicable
NTP: Not Applicable
OSHA: Not Applicable

12. ECOLOGICAL INFORMATION

COMMENTS: Not Available

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13. DISPOSAL CONSIDERATIONS

DISPOSAL METHOD: Dispose of waste in accordance with local, state, and federal regulations. Material is a hazardous waste (U162).

FOR LARGE SPILLS: Eliminate sources of ignition. Wear skin, eye and respiratory protection. Contain spills with inert material. Soak up liquid with absorbent material.

PRODUCT DISPOSAL: Dispose of waste in accordance with local, state, and federal regulations. Material is a hazardous waste (U162).

14. TRANSPORT INFORMATION

AIR (ICAO/IATA)

SHIPPING NAME: Methyl methacrylate monomer, stabilized

UN/NA NUMBER: UN1247

PRIMARY HAZARD CLASS/DIVISION: 3

PACKING GROUP: II

LABEL: Flammable Liquid

COMMENTS: None required

15. REGULATORY INFORMATION

COMMENTS None Reported

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: Revision #: 2. This MSDS replaces the June 09, 2009 MSDS. Any changes in information are as follows: In Section 1: 24 Hour Emergency Phone Numbers

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