

## SAFETY DATA SHEET

Preparation Date: 2/22/2019

Revision date 2/22/2019

Revision Number: G1

### 1. IDENTIFICATION

#### Product identifier

**Product code:** M1274  
**Product Name:** METHYL METHACRYLATE

#### Other means of identification

**Synonyms:** 2-(Methoxycarbonyl)-1-propene  
 2-Methyl-2-propenoic acid methyl ester  
 2-Propenoic acid, 2-methyl-, methyl ester  
 Acrylic acid, 2-methyl-, methyl ester  
 Methacrylate de methyle (French)  
 Methacrylsaeuremethyl ester (German)  
 Methyl 2-methyl-2-propenoate  
 Methyl alpha-methylacrylate  
 Methyl-2-methyl-2-propenoate  
 Methyl-2-methylpropenoate  
 Methyl-methacrylat (German)  
 Methilmethacrylaat (Dutch)  
 Metil metacrilato (Italian)

**CAS #:** 80-62-6  
**RTECS #** OZ5075000  
**CI#:** Not available

#### Recommended use of the chemical and restrictions on use

**Recommended use:** Chemical intermediate.  
**Uses advised against** No information available

**Supplier:** Spectrum Chemical Mfg. Corp  
 14422 South San Pedro St.  
 Gardena, CA 90248  
 (310) 516-8000

**Order Online At:** <https://www.spectrumchemical.com>  
**Emergency telephone number** Chemtrec 1-800-424-9300  
**Contact Person:** Tom Tyner (USA - West Coast)  
**Contact Person:** Ibad Tirmiz (USA - East Coast)

### 2. HAZARDS IDENTIFICATION

#### Classification

This chemical is considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200)

Considered a dangerous substance or mixture according to the Globally Harmonized System (GHS)

Skin corrosion/irritation	Category 2
Serious eye damage/eye irritation	Category 2B
Respiratory sensitization	Category 1

Skin sensitization	Category 1
Flammable liquids	Category 2

**Label elements**

**Danger**

**Hazard statements**

Causes skin irritation  
 Causes eye irritation  
 May cause allergy or asthma symptoms or breathing difficulties if inhaled  
 May cause an allergic skin reaction  
 Highly flammable liquid and vapor



**Hazards not otherwise classified (HNOC)**

Not Applicable

**Other hazards**

May be harmful if inhaled  
 Heat, moisture, and oxidizers may cause violent polymerization

**Precautionary Statements - Prevention**

Wash face, hands and any exposed skin thoroughly after handling  
 Avoid breathing dust/fume/gas/mist/vapors/spray  
 Wear eye/face protection  
 Wear protective gloves  
 In case of inadequate ventilation wear respiratory protection  
 Contaminated work clothing must not be allowed out of the workplace  
 Keep away from heat/sparks/open flames/hot surfaces. — No smoking  
 Keep container tightly closed  
 Ground/bond container and receiving equipment  
 Use explosion-proof electrical/ventilating/lighting/.../equipment  
 Use only non-sparking tools  
 Take precautionary measures against static discharge

**Precautionary Statements - Response**

In case of fire: Use CO<sub>2</sub>, dry chemical, or foam to extinguish.  
 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.  
 If skin irritation or rash occurs: Get medical advice/attention  
 IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower  
 Wash contaminated clothing before reuse  
 IF INHALED: If breathing is difficult, remove person to fresh air and keep comfortable for breathing. If experiencing respiratory symptoms: Call a POISON CENTER or doctor/physician.

**Precautionary Statements - Storage**

Store in a well-ventilated place. Keep cool

**Precautionary Statements - Disposal**

Dispose of contents/container to an approved waste disposal plant

**3. COMPOSITION/INFORMATION ON INGREDIENTS**

Component	CAS No	Weight-%
Methyl Methacrylate	80-62-6	100

#### 4. FIRST AID MEASURES

##### First aid measures

- General Advice:** National Capital Poison Center in the United States can provide assistance if you have a poison emergency and need to talk to a poison specialist. Call 1-800-222-1222.
- Skin Contact:** Wash off immediately with soap and plenty of water removing all contaminated clothing and shoes. Get medical attention. If skin irritation persists, call a physician.
- Eye Contact:** Flush eyes with water for 15 minutes. Get medical attention.
- Inhalation:** Move to fresh air. If breathing is difficult, give oxygen. If not breathing, give artificial respiration. Get medical attention.
- Ingestion:** Do not induce vomiting without medical advice. Never give anything by mouth to an unconscious person. Consult a physician if necessary.

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

- Symptoms**
- Causes eye irritation
  - Causes skin irritation
  - Irritating to respiratory system
  - May cause coughing and shortness of breath
  - May cause pulmonary edema
  - May cause central nervous system effects
  - Difficulty with concentration
  - Dizziness
  - Irritability
  - Narcosis
  - It may affect the peripheral nervous system
  - Paresthesia (numbness and tingling of the extremities)
  - Weakness
  - May affect the cardiovascular system
  - Hypotension
  - May affect the liver
  - It may affect the kidneys
  - Causes digestive (gastrointestinal) tract irritation
  - May cause an allergic skin reaction
  - May cause allergic respiratory reaction

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

- Notes to Physician:** Treat symptomatically.

##### Protection of first-aiders

First-Aid Providers: Avoid exposure to blood or body fluids. Wear gloves and other necessary protective clothing. Dispose of contaminated clothing and equipment as bio-hazardous waste.

#### 5. FIRE-FIGHTING MEASURES

##### Extinguishing Media

- Suitable Extinguishing Media:** Carbon dioxide (CO<sub>2</sub>). Dry chemical. Water spray mist or foam.

**Unsuitable Extinguishing Media:** Do not use a solid (straight) water stream as it may scatter and spread fire.

### **Specific hazards arising from the chemical**

**Hazardous combustion products** Carbon dioxide (CO<sub>2</sub>). Carbon monoxide.

**Specific hazards** Highly flammable. May be ignited by heat, sparks or flames. Container explosion may occur under fire conditions or when heated. Vapor may travel considerable distance to source of ignition and flash back. Vapors may form explosive mixtures with air. Most vapors are heavier than air. They will spread along the ground and collect in low or confined areas (sewers, basements, tanks). Fire may produce irritating, corrosive and/or toxic gases.

### **Special Protective Actions for Firefighters**

**Specific Methods:** Water mist may be used to cool closed containers Do not get water inside containers For larger fires, use water spray or fog. Cool containers with flooding quantities of water until well after fire is out

**Special Protective Equipment for Firefighters:** As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear

## **6. ACCIDENTAL RELEASE MEASURES**

### **Personal precautions, protective equipment and emergency procedures**

**Personal Precautions:** Ensure adequate ventilation. Keep people away from and upwind of spill/leak. Avoid contact with skin, eyes and clothing. Use personal protective equipment. Remove all sources of ignition. Pay attention to flashback. Take precautionary measures against static discharges. All equipment used when handling the product must be grounded. Use spark-proof tools and explosion-proof equipment. In case of large spill, water spray or vapor suppressing foam may be used to reduce vapors, but may not prevent ignition in closed spaces. Do not get water inside containers. Do not get water on material itself.

**Environmental precautions** Prevent further leakage or spillage if safe to do so. Prevent product from entering drains. Do not let this chemical enter the environment. Prevent entry into waterways, sewers, basements or confined areas. In case of large spill, dike if needed. Dike far ahead of liquid spill for later disposal.

### **Methods and material for containment and cleaning up**

**Methods for containment** Stop leak if you can do it without risk. Absorb spill with inert material (e.g. vermiculite, dry sand or earth).

**Methods for cleaning up** Use appropriate tools to put the spilled material in a suitable chemical waste disposal container. Use clean non-sparking tools to collect absorbed material. Clean contaminated surface thoroughly.

## **7. HANDLING AND STORAGE**

### **Precautions for safe handling**

#### **Technical Measures/Precautions:**

Provide sufficient air exchange and/or exhaust in work rooms. Remove all sources of ignition. To avoid ignition of

vapors by static electricity discharge, all metal parts of the equipment must be grounded. Keep away from incompatible materials.

**Safe Handling Advice**

Wear personal protective equipment. Use only in well-ventilated areas. Avoid contact with skin, eyes and clothing. Keep away from heat and sources of ignition. Do not breathe vapors or spray mist. Do not ingest. When using do not smoke. Handle in accordance with good industrial hygiene and safety practice.

**Conditions for safe storage, including any incompatibilities**

**Technical Measures/Storage Conditions:**

Keep container tightly closed in a dry and well-ventilated place. Store at room temperature in the original container. Keep away from heat and sources of ignition. Protect from moisture. Moisture sensitive. Protect from light. Sensitive to light. Store in light-resistant containers. Store away from incompatible materials. Store in a segregated and approved area.

**Incompatible Materials:**

- Oxidizing agents
- Nitrates
- Peroxides
- Benzoyl peroxide
- Strong acids
- Strong bases
- Reducing agents
- Amines
- Moisture

**8. EXPOSURE CONTROLS/PERSONAL PROTECTION**

**Control parameters**

**National occupational exposure limits**

**United States**

Component	CAS No	OSHA	NIOSH	ACGIH	AIHA WEEL
Methyl Methacrylate	80-62-6	100 ppm TWA 410 mg/m <sup>3</sup> TWA	100 ppm TWA 410 mg/m <sup>3</sup> TWA	100 ppm STEL 50 ppm TWA	None

**Canada**

Component	CAS No	Canada - Alberta	Canada - British Columbia	Canada - Ontario	Canada - Quebec
Methyl Methacrylate	80-62-6	50 ppm TWA 205 mg/m <sup>3</sup> TWA 100 ppm STEL 410 mg/m <sup>3</sup> STEL	50 ppm TWA 100 ppm STEL	100 ppm STEL	None

**Australia and Mexico**

Component	CAS No	Australia	Mexico
Methyl Methacrylate	80-62-6	100 ppm STEL 416 mg/m <sup>3</sup> STEL 50 ppm TWA 208 mg/m <sup>3</sup> TWA	50 ppm TWA 100 ppm STEL

**Appropriate engineering controls**

**Engineering measures to reduce exposure:**

Ensure adequate ventilation. Provide exhaust ventilation or other engineering controls to keep the airborne

concentrations of vapors and mist below their respective threshold limit value.

### Individual protection measures, such as personal protective equipment

#### Personal Protective Equipment

<b>Eye protection:</b>	Goggles
<b>Skin and body protection:</b>	Chemical resistant apron Long sleeved clothing Gloves
<b>Respiratory protection:</b>	Vapor respirator. Be sure to use an approved/certified respirator or equivalent.
<b>Hygiene measures:</b>	Avoid contact with skin, eyes and clothing. When using, do not eat, drink or smoke. Wash hands before breaks and immediately after handling the product

## 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>Physical state:</b> Liquid	<b>Appearance:</b> No information available.	<b>Color:</b> Colorless.
<b>Odor:</b> Sulfur-like. Sweet. Fruity. Sharp. Unpleasant. Acrid.	<b>Taste</b> No information available.	<b>Formula</b> C5H8O2
<b>Molecular/Formula weight (g/mole):</b> 100.13	<b>Flammability (solid, gas)</b> Highly flammable	<b>Flashpoint (°C/°F):</b> 10 °C/ 50 °F
<b>Flash Point Tested according to:</b> Open cup	<b>Autoignition Temperature (°C/°F):</b> 435 °C/815 °F	<b>Lower Explosion Limit (%):</b> 1.7%
<b>Upper Explosion Limit (%):</b> 8.2%	<b>Melting point/range(°C/°F):</b> -48 °C/-54 °F	<b>Decomposition temperature(°C/°F):</b> No information available
<b>Boiling point/range(°C/°F):</b> 98-101 °C/208-214 °F	<b>Bulk density:</b> No information available	<b>Density (g/cm3):</b> 0.93 @ 25 deg. C.
<b>Specific gravity:</b> No information available	<b>pH</b> No information available	<b>Vapor pressure @ 20°C (kPa):</b> 4.7
<b>Evaporation rate:</b> 3.1 (butyl acetate = 1)	<b>Vapor density:</b> 3.45	<b>VOC content (g/L):</b> 660
<b>Odor threshold (ppm):</b> 130	<b>Partition coefficient (n-octanol/water):</b> log Kow = 1.38	<b>Viscosity:</b> No information available
<b>Miscibility:</b> Miscible with Ether Miscible with Ethanol Miscible with Acetone	<b>Solubility:</b> Soluble in Chloroform Soluble in most organic solvents Soluble in Methyl Ethyl Ketone Soluble in Tetrahydrofuran(THF) Soluble in esters Readily soluble in aromatic hydrocarbons Sparingly soluble in water	

Solubility in water: 1.5g/100g water at 30 deg. C.

## 10. STABILITY AND REACTIVITY

### Reactivity

No information available

### Chemical stability

**Stability:** Moisture Sensitive. Sensitive to light. Exposure to light accelerates decomposition. Stable under recommended storage conditions.

**Possibility of Hazardous Reactions:** Hazardous polymerization does not occur

**Conditions to avoid:** Heat. Ignition sources. Moisture sensitive. Exposure to moisture. Exposure to light. Incompatible materials.

**Incompatible Materials:** Oxidizing agents  
Nitrates  
Peroxides  
Benzoyl peroxide  
Strong acids  
Strong bases  
Reducing agents  
Amines  
Moisture

**Hazardous decomposition products:** Carbon monoxide. Carbon dioxide. When heated to decomposition it emits acrid smoke and irritating fumes.

### Other Information

**Corrosivity:** No information available

**Special Remarks on Corrosivity:** No information available

## 11. TOXICOLOGICAL INFORMATION

### Information on likely routes of exposure

#### **Principal Routes of Exposure:**

Eyes. Skin. Ingestion. Inhalation.

### Acute Toxicity

#### **Component Information**

Methyl Methacrylate

CAS No 80-62-6

**LD50/oral/rat** = 8420 - 10000 mg/kg Oral LD50 Rat; 7872 mg/kg Oral LD50 Rat

**LD50/oral/mouse** = 3625 mg/kg

**LD50/dermal/rabbit** = > 5 g/kg Dermal LD50 Rabbit; 5000 - 7500 mg/kg Dermal LD50 Rabbit

**LD50/dermal/rat** = No information available

**LC50/inhalation/rat** = 400 ppm Inhalation LC50 Rat 1 h

4632 ppm Inhalation LC50 Rat 4 h

7093 ppm Inhalation LC50 Rt 4 h

LC50/inhalation/mouse = No information available  
Other LD50 or LC50 information = No information available

## Product Information

LD50/oral/rat =  
Value - Acute Tox = 7872 mg/kg

LD50/oral/mouse =  
Value - Acute Tox Oral = 3625 mg/kg

LD50/dermal/rabbit  
Value - Acute Tox = > 5000 mg/kg

LD50/dermal/rat  
VALUE - Acute Tox Dermal = No information available

LC50/inhalation/rat  
VALUE-Vapor = No information available  
VALUE-Gas = 7093 ppm (4-hr)  
VALUE-Dust/Mist = No information available

LC50/Inhalation/mouse  
VALUE-Vapor = No information available  
VALUE - Gas = No information available  
VALUE - Dust/Mist = No information available

## Symptoms

**Skin Contact:** Causes skin irritation. Skin contact may cause feeling of numbness, coldness and pain.

**Eye Contact:** Causes eye irritation.

**Inhalation** Irritating to respiratory system. Exposure to vapor or mist causes eye irritation. Symptoms may include coughing and shortness of breath. It may cause pulmonary edema. May cause trouble concentrating. May affect behavior and cause irritability. May cause reduced memory. May affect behavior/central nervous system (dizziness, lightheadedness, passing out). May affect behavior/central nervous system (narcosis). May cause cardiovascular system effects. May cause hypotension and heart failure.

**Ingestion** Causes digestive (gastrointestinal) tract irritation.

**Aspiration hazard** No information available.

## Delayed and immediate effects as well as chronic effects from short and long-term exposure

**Chronic Toxicity** Skin: Sensitizer. May cause allergic skin reaction (allergic contact dermatitis). Prolonged or repeated inhalation may cause allergic reaction. Chronic exposure may affect the liver and kidneys. Chronic exposure may affect the peripheral nervous system (peripheral neuropathy with muscle weakness, paresthesia - a sensation of tingling, pricking, or numbness of the skin (known as the feeling of "pins and needles) generally of the hands and feet (extremities).

**Sensitization:** May cause sensitization by inhalation and skin contact.

**Mutagenic Effects:** No information available

**Carcinogenic effects:** Not considered carcinogenic. Not classifiable as to its carcinogenicity to humans.

Component	CAS No	IARC	ACGIH - Carcinogens	NTP	OSHA HCS - Carcinogens	Australia - Notifiable Carcinogenic Substances	Australia - Prohibited Carcinogenic Substances
Methyl Methacrylate	80-62-6	Group 3 - Not classifiable - Monograph 60 [1994] Supplement 7 [1987]	A4 Not Classifiable as a Human Carcinogen	Not listed	Not listed	Not listed	Not listed

*ACGIH (American Conference of Governmental Industrial Hygienists)*

*IARC (International Agency for Research on Cancer)*

*NTP (National Toxicology Program)*

*OSHA (Occupational Safety and Health Administration of the US Department of Labor)*

**Reproductive toxicity** No data is available

**Reproductive Effects:** No information available

**Developmental Effects:** No information available

**Teratogenic Effects:** No information available

**Specific Target Organ Toxicity**

**STOT - single exposure** No information available.

**STOT - repeated exposure** No information available.

**Target Organs:** No information available.

**12. ECOLOGICAL INFORMATION**

**Ecotoxicity**

**Ecotoxicity effects:** Aquatic environment.

*Methyl Methacrylate - 80-62-6*

**Algae/aquatic plants**

**Fish**

EC50: =170mg/L (96h, Pseudokirchneriella subcapitata)  
LC50: 243 - 275mg/L (96h, Pimephales promelas) LC50: 125.5 - 190.7mg/L (96h, Pimephales promelas) LC50: 170 - 206mg/L (96h, Lepomis macrochirus) LC50: 153.9 - 341.8mg/L (96h, Lepomis macrochirus) LC50: >79mg/L (96h, Oncorhynchus mykiss) LC50: 326.4 - 426.9mg/L (96h, Poecilia reticulata)  
EC50: =69mg/L (48h, Daphnia magna)

**Crustacea**

**Persistence and degradability:** No information available

**Bioaccumulative potential:** Potential for bioconcentration in aquatic organisms is low.

**Mobility in soil** It is expected to have very high mobility based on estimated Koc

**Other adverse effects** No information available.

**13. DISPOSAL CONSIDERATIONS**

## Disposal Methods

### **Waste from residues / unused products:**

Waste must be disposed of in accordance with Federal, State and Local regulation.

### **Contaminated packaging:**

Empty containers should be taken for local recycling, recovery or waste disposal

Component	CAS No	RCRA - F Series Wastes	RCRA - K Series Wastes	RCRA - P Series Wastes	RCRA - U Series Wastes
Methyl Methacrylate	80-62-6	None	None	None	U162 ignitable waste, toxic waste

## 14. TRANSPORT INFORMATION

### **DOT**

**UN-No:** UN1247  
**Proper Shipping Name:** Methyl methacrylate monomer, stabilized  
**Hazard Class** 3  
**Subsidiary Class** No information available  
**Packing group:** II  
**Emergency Response Guide Number** 129P  
**Marine Pollutant** No data available  
**DOT RQ (lbs):** No information available  
**Special Provisions** 387, IB2, T4, TP1  
**Symbol(s):** No information available  
**Description:** UN1247, Methyl methacrylate monomer, stabilized, 3, II

### **TDG (Canada)**

**UN-No:** UN1247  
**Proper Shipping Name:** Methyl methacrylate monomer, stabilized  
**Hazard Class** 3  
**Subsidiary Risk:** No information available  
**Packing Group:** II  
**Marine Pollutant** No Information available  
**Description:** UN1247, Methyl methacrylate monomer, stabilized, 3, II

### **ADR**

**UN Number** UN1247  
**Proper Shipping Name:** Methyl methacrylate monomer, stabilized  
**Transport hazard class(es)** 3  
**Packing group** II  
**Subsidiary Risk:** No information available  
**Special Provisions** 386  
**Description:** UN1247, Methyl methacrylate monomer, stabilized, 3, II

### **IMDG**

**UN-No:** UN1247  
**Proper Shipping Name:** Methyl methacrylate monomer, stabilized  
**Hazard Class:** 3  
**Subsidiary Risk:** No information available  
**Packing Group:** II  
**Marine Pollutant** No information available  
**EMS:** F-E  
**Special Provisions** 386  
**Description** UN1247, Methyl methacrylate monomer, stabilized, 3, II

**RID**

**UN Number** UN1247  
**Proper Shipping Name:** Methyl methacrylate monomer, stabilized  
**Transport hazard class(es)** 3  
**Subsidiary Risk:** No information available  
**Packing group** II  
**Special Provisions** 386  
**Description:** UN1247, Methyl methacrylate monomer, stabilized, 3, II

**ICAO (air)**

**UN-No:** UN1247  
**Proper Shipping Name:** Methyl methacrylate monomer, stabilized  
**Hazard Class** 3  
**Subsidiary Risk:** No information available  
**Packing Group:** II  
**Description:** UN1247, Methyl methacrylate monomer, stabilized, 3, II  
**Special Provisions** A209

**IATA**

**UN Number** UN1247  
**Proper Shipping Name:** Methyl methacrylate monomer, stabilized  
**Transport hazard class(es)** 3  
**Subsidiary Risk:** No information available  
**Packing group** II  
**Precautionary Statements - Response** 3L  
**Special Provisions** No information available  
**Description:** UN1247, Methyl methacrylate monomer, stabilized, 3, II

**15. REGULATORY INFORMATION****International Inventories**

Component	CAS No	U.S. TSCA	KOREA KECL	Philippines (PICCS)	Japan ENCS	China IECSC	Australia AICS	EINECS-No.
<i>Methyl Methacrylate</i>	80-62-6	PresentACTIVE	Present KE-25050	Present	Present (2)-1036	Present	Present	Present 201-297-1

**U.S. Regulations***Methyl Methacrylate*

**Massachusetts RTK:** Present  
**New Jersey RTK Hazardous Substance List:** 1277  
**New Jersey (EHS) List:** 1277 500 lb TPQ  
**New Jersey - Discharge Prevention - List of Hazardous Substances:** Present  
**Pennsylvania RTK:** Environmental hazard  
**Pennsylvania RTK - Environmental Hazard List** Present  
**Minnesota - Hazardous Substance List:** Present  
**New York Release Reporting - List of Hazardous Substances:**  
 1000 lb RQ  
 1 lb RQ  
**Louisiana Reportable Quantity List for Pollutants:** Listed  
**California Directors List of Hazardous Substances:** Present

**FDA - 21 CFR - Total Food Additives** 175.105, 175.300, 175.320, 175.360, 176.170, 176.180, 177.1010, 177.1030, 177.1200,  
**- List Sourced from EAFUS** 177.1630, 177.1830, 177.2000, 177.2420, 177.2465, 178.3790

**California Prop. 65: Safe Drinking Water and Toxic Enforcement Act of 1986.**

**Chemicals Known to the State of California to Cause Cancer:**

This product does not contain a chemical requiring a warning under California Prop. 65. (See table below)

**Chemicals Known to the State of California to Cause Reproductive Toxicity:**

This product does not contain a chemical requiring a warning under California Prop. 65. (See table below)

Component	CAS No	Carcinogen	Developmental Toxicity	Male Reproductive Toxicity	Female Reproductive Toxicity:
Methyl Methacrylate	80-62-6	Not Listed	Not Listed	Not Listed	Not Listed

**CERCLA/SARA**

Component	CAS No	CERCLA - Hazardous Substances and their Reportable Quantities	Section 302 Extremely Hazardous Substances and TPQs	Section 302 Extremely Hazardous Substances and RQs	Section 313 - Chemical Category	Section 313 - Reporting de minimis
Methyl Methacrylate	80-62-6	1000 lb final RQ 454 kg final RQ	None	None	None	1.0 % de minimis concentration

**U.S. TSCA**

Component	CAS No	TSCA Section 5(a)2 - Chemicals With Significant New Use Rules (SNURS)	TSCA 8(d) -Health and Safety Reporting
Methyl Methacrylate	80-62-6	Not Applicable	Not Applicable

**Canada**

**WHMIS 2015 - GHS Classifications**

WHMIS 2015 Hazard Classification Information:

Component  
Methyl Methacrylate  
80-62-6 ( 100 )

WHMIS 2015 Hazard Classification  
Flammable liquids - Category 2: H225 Highly flammable liquid and vapour.; Skin corrosion/irritation - Category 2: H315 Causes skin irritation.; Serious Eye Damage/Eye Irritation - Category 2B: H320 Causes eye irritation.; Skin sensitizers - Category 1A: H317 May cause allergic skin reaction.; Specific target organ toxicity - Single exposure - Category 3: H335 May cause respiratory irritation.

**Canada Hazardous Products Regulation** This product has been classified according to the hazard criteria of the HPR (Hazardous Products Regulation) and the SDS contains all of the information required by the HPR

**DSL/NDSL**

Component	CAS No	Canada (DSL)	Canada (NDSL)
Methyl Methacrylate	80-62-6	Present	Not Listed

Component	CAS No	CEPA Schedule I - Toxic Substances
Methyl Methacrylate	80-62-6	Not listed
Component	CAS No	CEPA - 2010 Greenhouse Gases Subject to Mandatory Reporting
Methyl Methacrylate	80-62-6	Not listed

**EU Classification**

EU GHS - SV - CLP 1272/2008

Component	CAS No	EU GHS - SV - CLP (1272/2008)
Methyl Methacrylate	80-62-6	Flammable liquids - Flam. Liq. 2: H225 Highly flammable liquid and vapour.; Skin corrosion/irritation - Skin Irrit. 2: H315 Causes skin irritation.; Skin sensitizers - Skin Sens. 1: H317 May cause allergic skin reaction.; Specific target organ toxicity - Single exposure - STOT SE 3: H335 May cause respiratory irritation.607-035-00-6

EU - CLP (1272/2008)

**R-phrase(s)**

R11 - Highly flammable  
R43 - May cause sensitization by skin contact  
R37/38 - Irritating to respiratory system and skin

**S -phrase(s)**

S 2 - Keep out of the reach of children.  
S24 - Avoid contact with skin  
S37 - Wear suitable gloves  
S46 - If swallowed, seek medical advice immediately and show this container or label

Component	CAS No	Classification	Concentration Limits:	Safety Phrases
Methyl Methacrylate	80-62-6	F; R11 Xi; R37/38 R43	No information	S: (2)-24-37-46

The product is classified in accordance with Annex VI to Directive 67/548/EEC

**Indication of danger:**

F - Highly flammable  
Xi - Irritant

**16. OTHER INFORMATION**

Preparation Date: 2/22/2019  
Revision date 2/22/2019  
Prepared by: Sonia Owen

**Disclaimer:**

All chemicals may pose unknown hazards and should be used with caution. This Safety Data Sheet (SDS) applies only to the material as packaged. If this product is combined with other materials, deteriorates, or becomes contaminated, it may pose hazards not mentioned in this SDS. The physical properties reported in this SDS are obtained from the literature and do not constitute product specifications. Information contained herein does not constitute a warranty, whether expressed or implied, as to the safety, merchantability or fitness of the goods for a particular purpose. Spectrum Chemicals & Laboratory Products, Inc. assumes no responsibility for results obtained or for incidental or consequential damages, including lost profits, arising from the use of these data. No warranty against infringement of any patent, copyright or trademark is made or implied. It shall be the user's responsibility to develop proper methods of handling and personal protection based on the actual conditions of use. While this SDS is based on

technical data judged to be reliable, Spectrum assumes no responsibility for the completeness or accuracy of the information contained herein.

**End of Safety Data Sheet**