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### Section 1. Supplier Information

**CMI Chemical Corporation**  
12336 Emerson Drive  
Brighton, MI 48116  
(248) 587-5600  
**Emergency Telephone: 1-800-424-9300**

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### Section 2. Hazardous Ingredients

<u>Hazardous Component(s)</u>	<u>CAS #</u>	<u>PEL TWA</u>	<u>PEL Ceiling</u>	<u>TLV TWA</u>	<u>TLV STEL</u>	<u>MFG Limits</u>	<u>WGT %</u>
Methacrylic copolymer	Proprietary	N/E	N/E	3 mg/m3	N/E	N/E	< 5

N/A = Not Applicable; N/E = Not Established; \* = Mists; # = Skin; ' = Respirable Dust; " = Total Dust; ^ = Vapor; \*\* = Fumes; C = Ceiling Limit

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All components of this product are listed on the Toxic Substances Control Act (TSCA) Inventory and the Canadian Domestic Substances List (DSL), or are exempt from the listing.

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### Section 3. Hazards Identification

#### Primary Routes of Entry

Inhalation: YES  
Skin: YES  
Ingestion: YES

#### Hazardous Materials Information System (HMIS) Ratings

Health:	3	0 = Minimal
Fire:	0	1 = Slight
Reactivity:	0	2 = Moderate
		3 = Serious
		4 = Severe
		* = Chronic Hazard

#### Signs of Symptoms of Exposure:

INHALATION: No effects of exposure expected. At very high concentrations only, this product may cause headache, nose and throat irritation, nausea and/or mental confusion.

SKIN: Prolonged or repeated contact can cause irritation.

EYES: Minimally irritating to the eyes. High vapor concentrations may be irritating.

INGESTION: Ingestion of large amounts causes gastric disturbances. Nausea and vomiting may result.

#### Chemical Listed as Potential Carcinogens:

NTP: NO

IARC: NO

OSHA: NO

Target Organs: None known.

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### Section 4. Emergency And First Aid Procedures

INHALATION: If adverse effects such as dizziness, nausea, or irritation are noted, move person to fresh air. If not breathing, give artificial respiration. Get medical attention!

SKIN: Immediately wash skin with large amounts of soap and water. Remove contaminated

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clothing and shoes; wash before reuse. Get medical attention if irritation persists after washing.

EYES: Flush eyes immediately with water for at least 15 minutes. If irritation persists, call a physician.

INGESTION: DO NOT INDUCE VOMITING! Contact a physician immediately!

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### Section 5. Fire Fighting Measures

Flash Point: None

Method Used: N/A

Flammable Limits in Air % by Volume: LEL: N/E UEL: N/E

Extinguisher Media: Use media most appropriate for surrounding fire.

Special Fire Fighting Procedures: Wear a self-contained breathing apparatus when fighting fire in an enclosed area.

Unusual Fire And Explosion Hazards: Product may spatter if temperature exceeds 212 °F. Dried solids can burn, producing carbon monoxide and carbon dioxide.

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### Section 6. Accidental Release Measures

If material is spilled, absorb with sand, earth, or similar inert material. Place in closed, labeled containers for proper disposal.

CERCLA (Superfund) Reportable Quantity (in lbs None.

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### Section 7. Handling and Storage

Handling: Avoid contact with skin and eyes; wash thoroughly after handling. Avoid breathing vapor; use with adequate ventilation.

Storage: KEEP FROM FREEZING! Store in a dry location at room temperature. Keep container closed and maintain all original markings and labels.

Other: Do not reuse container without recycling or reconditioning. Handle empty containers as if they were full.

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### Section 8. Exposure Controls and Personal Protection

Respiratory Protection: Use NIOSH / MSHA approved respirator where high vapor or mist concentrations are present.

Local Exhaust: None normally required. Local exhaust may be needed under special circumstances such as poorly ventilated areas, evaporation from large surfaces, spraying, heating, etc.

Mechanical Exhaust: Mechanical ventilation should be sufficient to maintain exposure levels below exposure limits.

Protective Gloves: Wear chemical resistant gloves.

Eye Protection: At a minimum, wear safety glasses with side shields.

Other Protection: Eye wash should be available. Wear coveralls to protect clothing from splatters.

Hygienic Practices: Avoid contact with skin and avoid breathing vapors or mist. Do not eat, drink, or smoke while using this product. Wash up prior to eating, drinking, or using the restroom.

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### Section 9. Physical and Chemical Properties

Boiling Point: ~ 212 ° F

Degree of water solubility:

Specific Gravity (H<sub>2</sub>O=1): 0.9 - 1.1

Neclifiable = Less than 0.1%

MATERIAL SAFETY DATA SHEET  
**ZONACOTE -- AQUEOUS SEALER**

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Specific Gravity ( $\rho_{20} = 1$ ):		Slight = 0.1% - 1%
Vapor Pressure (mm Hg):	Similar to water.	Moderate = 1% - 10%
Vapor Density (air=1)	Similar to water.	Appreciable = More than 10%
Solubility in Water:	Complete.	Complete = 100%
Reactivity in Water:	None.	
Weight per Gallon (lb/gal):	8.25 - 8.4 lbs/gal	
% Volatile by Volume:	> 95%	
% Solid by Weight:	< 5%	
Appearance and Odor:	Clear, pale yellow liquid with an acrylic odor.	
Theoretical VOC: ( $>0.1$ mm Hg @ 20 ° C)	0.1 - 0.2 lbs/gal	
Analytical VOC : (EPA method 24)	0.01 - 0.02 lbs/gal	
pH:	3.5 - 4.5	

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**Section 10. Stability and Reactivity**

Stability: Stable. Hazard Polymerization: Will not occur.

Conditions to Avoid: Avoid circumstances that produce respirable particles. Do not aerosolize or atomize. Spray only with garden or deck hand pump sprayer.

Incompatibility (Materials to Avoid): None known.

Hazardous Decomposition Products: Various organic compounds, hydrogen fluoride, and oxides of carbon.

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**Section 11. Toxicological Information**

Methacrylic copolymer [CASRN Proprietary]

**ACUTE TOXICITY**

Oral ALD (rat) > 11,000 mg/kg

Methacrylic copolymer is a moderate skin irritant and a mild eye irritant in animals. When tested as sold, the product was not a skin sensitizer in animals. When tested in a human patch test with 100 subjects at a concentration of 4.3% in water, the product did not product skin irritation or skin sensitization.

No clinical signs of toxicity were observed in rates when administered as a single oral dose. Methacrylic copolymer as sold is moderately toxic by inhalation of aerosol respirable particulates (< 5 microns). The 4 hour inhalation ALC in rats is 700 mg/m<sup>3</sup> as sold (210 mg/m<sup>3</sup> of active ingredient). The product as sold has not produced genetic damage in bacterial cell cultures. No animal test reports are available to define carcinogenic, developmental, or reproductive hazards.

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**Section 12. Ecological Information**

Methacrylic copolymer [CASRN Proprietary]

**AQUATIC TOXICITY**

48 hour EC50, Daphnia magna: 50-500 mg/L  
96 hour EC50, Pimephales promelas: 50-500 mg/L

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**Section 13. Disposal Considerations**

Waste Disposal Methods (Federal, State, Local):

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In accordance with all federal, state and local requirements.

RCRA Hazardous Waste Number: N/A

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#### **Section 14. Transport Information**

##### Hazardous Material Description:

(Proper shipping name, hazard class, hazard ID#, packing group)

Domestic ground non-bulk: NOT REGULATED

Domestic ground bulk: NOT REGULATED

International: NOT REGULATED

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#### **Section 15. Regulatory Information**

##### SARA 313 Information

This product contains the following chemical(s) above deminis concentrations and may be subject to reporting under section 313:

None.

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#### **Section 16. Other Information**

This MSDS contains revisions in the following sections: New format

Prepared by: Andrew J. Thomas Chemist

Revised by: Andrew J. Thomas Chemist

The development of this Material Safety Data Sheet (MSDS) relies upon information provided to us by each of our raw material suppliers. This MSDS will be updated as changes occur to their MSDS(s).

We believe the recommendations and technical information contained herein to be accurate. However, they are given without warranty or guarantee, expressed or implied, and we assume no responsibility for losses or damage, direct or indirect, as a result of their use.