

Revised  
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## MATERIAL SAFETY DATA SHEETS

### MP 5204 ACTIVATOR

<b>HMIS</b>	<b>HEALTH</b>	<b>2</b>	<b>FLAMMABILITY</b>	<b>2</b>	<b>REACTIVITY</b>	<b>0</b>
<b>NFPA</b>	<b>HEALTH</b>	<b>2</b>	<b>FIRE HAZARD</b>	<b>2</b>	<b>REACTIVITY</b>	<b>0</b>

#### 1. GENERAL INFORMATION:

PRODUCT NAME: MP 5204  
TECHINICAL NAME: Activator

#### 2. HAZARDOUS INGREDIENTS:

Ingredients	CAS No.	%
Heterocyclic methacrylate	2455-24-5	50-70
Polyethylene based rubber	68037-39-8	10-20
Alkyl methacrylate	688-84-6	10-20
METHACRYLIC ACID	79-41-4	5-10
CUMENE HYDROPEROXIDE*	80-15-9	0.1-1
Epoxy resin	25068-38-6	0.1-1

\* This component is listed as a SARA Section 313 Toxic Chemical.

Ingredients which have exposure limits

Exposure Limits (TWA) Ingredients	ACGIH (TLV)	OSHA (PEL)	OTHER
Alkyl methacrylate	None	None	25ppm
CUMENE HYDROPEROXIDE	None	None	1ppm(6mg/m3) Skin(WHEEL)
Exposure Limits (STEL) Ingredients	ACGIH (TLV)	OSHA (PEL)	

#### 3. HAZARD INFORMATION:

Toxicity: Liquid is an eye irritant.  
Vapors may irritate eye, nose and throat.  
Oral LD50 more than 10000 mg/kg.  
Dermal LD50 more than 4000 mg/kg.  
Eyes, skin, inhalation  
Irritation of eyes, nose, throat.

Primary Routes of Entry:  
Signs and Symptoms of Exposure:  
Existing Conditions  
Aggravated by Exposure: none

#### 4. FIRST AID MEASURES:

Ingestion: Do not induce vomiting. Keep individual calm.  
Obtain medical attention.

Inhalation: Remove to fresh air. If symptoms persist, obtain  
medical attention.

Skin Contact: Wash with soap and water.

Eye Contact: Flush at least 15 minutes with water. Obtain  
medical attention.



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### 5. **FIRE FIGHTING MEASURES:**

Flash Point:	Approximately 188°F	Method: Tag Closed Cup
Recommended Extinguishing Agents:	Carbon dioxide, foam, dry chemical	
Special Firefighting Procedures:	Not available	
Hazardous Products formed by Fire or Thermal Decomposition:		
Unusual Fire or Explosion Hazards:	None	
Explosive Limits:		
(% by volume in air) Lower:	Not available	
(% by volume in air) Upper:	Not available	

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### 6. **ACCIDENTAL RELEASE MEASURES:**

Steps to be taken in case of spill or leak:	Soak up in an inert absorbent. Store in partly filled, closed container until disposal.
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### 7. **HANDLING AND STORAGE:**

Safe Storage:	Store below 100°F
Handling:	Keep away from eyes. Avoid breathing of vapors. Avoid prolonged skin contact.

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### 8. **EXPOSURE AND PERSONAL PROTECTION:**

Eyes:	Safety glasses or goggles.
Skin:	Rubber or plastic gloves.
Ventilation:	Provide sufficient local ventilation to maintain vapor concentration below TLV
Respiratory:	Not available

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### 9. **PHYSICAL AND CHEMICAL PROPERTIES:**

Appearance:	liquid
Odor:	Sharp, irritating
Boiling Point:	More than 300°F
pH:	Does not apply
Solubility in Water:	Slight
Specific Gravity	Approximately 1.1 at 80°F
Volatile Organic Compound (EPA Method 24)	
Vapor Pressure:	68.5%; 754 grams per liter
Vapor Density:	Less than 10mm at 80°F
Evaporation Rate (Ether = 1)	Not available

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### 10. **REACTIVITY:**

Stability:	Stable
Hazardous Polymerization:	Will not occur
Incompatibility:	None
Conditions to Avoid:	Not available
Hazardous Decomposition Products (non-thermal):	None



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**11. TOXICOLOGICAL INFORMATION:**

See Section 3.

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**12. ECOLOGICAL INFORMATION:**

No data available

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**13. DISPOSAL CONSIDERATIONS:**

Recommended methods of disposal:  
EPA Hazardous Waste Number

Incinerate following EPA and local regulations.  
User should perform TCLP testing per 40 CFR 261.24  
for D019.

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**14. TRANSPORTATION INFORMATION:**

DOT (49 CFR 172)  
Domestic Ground Transport  
Proper Shipping Name:  
Hazard Class or Division:

Unrestricted (Not more than 450 liters);  
Unrestricted (Not more than 450 liters)  
Combustible liquid (More than 450 liters)  
None (Not more than 450 liters);  
NA 1993 (More than 450 liters)  
None

Identification Number:

Marine Pollutant:  
IATA

Proper Shipping Name:  
Class or Division:  
UN or ID Number:

Unrestricted  
Unrestricted  
None

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**[www.instantca.com](http://www.instantca.com)**