

Material Safety Data Sheet Issue Date: 10/30/2003
Section 1: Chemical Product and Company Identification
Cat#: 16752

Part Name: MC BOND ACRYLIC CEMENT
Supplier: Polysciences, Inc.
400 Valley Road
Warrington, PA 18976
Telephone #215-343-6484

Section 2: Composition/ Information on Ingredients

Item#	Name	CAS#	% in Product
1	Acetic acid	000064197	5
2	Methyl methacrylate	000080626	13.75
3	Methylene chloride	000075092	81.25

OSHA (ACGIH) Exposure Limits

CAS#	IDHL	ppm	TWA		STEL		CEILING	
			mg/m3	ppm	mg/m3	ppm	mg/m3	
000064197	50							
	OSHA:	Not	25	--	--	--	--	
	ACGIH:	10	25	15	15	--	--	
000075092	--							
	OSHA:	Not	--	--	--	--	--	
	ACGIH:	50	174	--	--	--	--	
000080626	1,000							
	OSHA:	Not	410	--	--	--	--	
	ACGIH:	50	205	100	100	--	--	

Section 3: Hazards Identification

Causes eye irritation.
Causes skin irritation.
Harmful if inhaled, absorbed through skin or swallowed.
May cause allergic skin reaction.
Suspect cancer hazard.

Hazard Ratings:

These ratings are Polysciences' Inc. own assesments of the properties of the material using the ANSI/NFPA 704 Standard.
Additional information can be found by consulting in the NFPA published ratings lists (List 325 and List 49).

If no data is listed the information is not available.

Health	Flammability	Reactivity
2	----- 1	----- 0

Section 4: First Aid Measures

Flush eyes with flowing water for at least 15 minutes.
If swallowed, NO NOT INDUCE vomiting. Give 8 oz. of water or milk to drink.
Call a physician or the POISON CONTROL CENTER immediately. Never give anything by mouth to an unconscious person.
Separate eyelids with finger tips.
Wash skin with deluge of water for at least 15 minutes.

Section 5: Fire Fighting Measures

Flash point, deg F.: 200 Method:
UEL: 19% LEL: 12% Autoignition temperature, deg. F.: 1032 F
Flammability Classification: no data Flame Propagation Rate: no data
Hazardous Combustion Products: hydrogen chloride

Section 6: Accidental Release Measures

Any information listed below is to be considered in addition to internal guidelines for isolation of spill, containment of spill, removal of ignition sources from immediate area, and collection for disposal of spill by trained, properly protected clean up personnel.
Protect personnel from exposure.
Ventilate the area.

Section 7: Handling and Storage
Keep container closed to prevent drying out.
Store at 25 deg. C.

Section 8: Exposure Controls/ Personal Protection
The use of eye protection in the form of safety glasses with side shields and the use of skin protection for hands in the form of gloves are considered minimum and non-discretionary in work places and laboratories. Any recommended personal protection equipment or environmental equipment is to be considered as additional to safety glasses and gloves.
Use chemical splash goggles and face shield.
Use latex or equivalent gloves.
Use process enclosures, local exhaust ventilation, or other engineering controls.

Section 9: Physical and Chemical Properties
Formula: nap vapor pressure: no data
Formula Weight: nap vapor density: no data
boiling point: no data Specific gravity: 1.16
melting point: no data ph: no data
solubility: no data appearance: clear colorless liquid with chlorinated solvent odor

Section 10: Stability and Reactivity
Chemical Stability: stable
Conditions to Avoid: none
Incompatibility with other materials: strong alkalis; oxygen; reactive metals
Hazardous Decomposition Products: none
Hazardous Polymerization: will not occur

Section 11: Toxicological Information
Acute Data: nav
Subchronic data: nav

Section 12: Ecological Information
LC50 acute 96 hr - Fathead minnow; 310 mg/L; Bluegill 220 mg/L; Mysid shrimp 256 mg/L

Section 13: Disposal Considerations
The following chart lists the status of the chemical and its components in reference to 40 CFR Part 261.33. If the product is listed by code number the substance may be subject to special federal and state disposal regulations. If no codes are listed the material must be disposed in compliance with all Federal, State and Local Regulations.

CAS#	Waste Code	Regulated Name
000064197	not listed	not listed
000075092	U080	Methylene chloride
000080626	U162	Methyl methacrylate

Section 14: Transportation Data

Refer to bill of lading or container label for DOT or other transportation hazard classification , if any.

Section 15: Regulatory Information

Prop 65 - Column A identifies those items which are known to the State of California to cause cancer. Column B identified items which are known to the State of California to cause reproductive toxicity.

CAS#	Column A	Column B
000064197	no	no
000075092	Yes	no
000080626	no	no

State Regulatory Information :If a CAS# is listed below this material is subject to the listed state right-to-know requirements.

CAS#	FL	MA	MN	PA	WA	
000064197	FL	MA	MN	PA	WA	
000075092	FL	MA	MI	MN	PA	WA
000080626	FL	MA	MN	PA	WA	

SARA Toxic Release Chemicals(as defined in Section 313 of SARA Title III)
This list identifies the toxic chemicals, including their de minimis concentrations for which reporting is required under Section 313 of the Emergency

Planning and Community Right-to-Know Act (EPCRA). The list is also referred to as the Toxics Release Inventory (TRI) List.

CAS#	Regulated Name	de minimis conc.	%Rep. Thres.
000064197	not listed	not listed	not listed
000075092	Methylene chloride	0.1	not listed
000080626	Methyl methacrylate	1.0	not listed

SARA Extremely Hazardous Substances and TPQs

This list includes hazardous chemicals as defined in 29 CFR 1910.1200(c); and extremely hazardous substances regulated under Section 302 of SARA Title III with their TPQs (in pounds), as listed in 40 CFR 355, Appendices A and B.

CAS#	Regulated Name	TPQ (pounds)	EHS-RQ(pounds)
000064197	not listed	not listed	not listed
000075092	not listed	not listed	not listed
000080626	not listed	not listed	not listed

CERCLA

The hazardous substances, and their reportable quantities (RQs) are listed in the federal regulations at 40 CFR Part 302, Table 302.4. Release of a

CERCLA hazardous substance in an amount equal to or greater than its RQ, in any 24-hour period, must be reported to the National Response Center at (800) 424-8802.

CAS#	Regulated name	RQ pounds
000064197	Not listed	Not listed
000075092	Not listed	Not listed
000080626	Not listed	Not listed

Section 16: Other Information

Chlorinated hydrocarbons may sensitize the heart to epinephrine and other circulating catecholamines so that arrhythmias occur.

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END OF MSDS