

**MATERIAL SAFETY DATA SHEET**

7998 Georgetown Rd. Indianapolis, IN 46268	DOCUMENT TITLE DOCUMENT NO:	<b>Sera-Mag™ Magnetic Carboxylate-Modified Microparticles</b>  24152105050186 Prefix 24,25,26,27,44,54
	DCR NO: 5610	REVISION: C
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**SECTION I: IDENTIFICATION**

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<u>Product /Common Name</u>	<u>Formula</u>	<u>Hazardous</u>
Sera-Mag™ Magnetic Carboxylate Modified Microparticles	Mixture	No

Date Revised: 07/08/2005

**SECTION II: INGREDIENTS**

Sera-Mag™ Magnetic Carboxylate Modified Microparticles are usually supplied in aqueous suspensions at 5% solids. The ingredient(s) listed in this section describe only the solids.

	<u>Approx. %</u>	<u>Hazardous</u>
Water	95%	No
Proprietary Carboxylate Modified Polystyrene	3%	No
Fe <sub>2</sub> O <sub>3</sub> - Fe <sub>3</sub> O <sub>4</sub>	2%	No

Pursuant to 29CFR1910.1200, Hazard Communication, this product is not considered to contain hazardous materials. Where proprietary ingredient shows, the identity may be made available as provided in this standard.

**SECTION III: PHYSICAL DATA**

Boiling Point	212F, 100C
Vapor Pressure	17.5 mm Hg @ 20c
Vapor Density	0.624 @ 80F
Solubility in water	Suspension
Specific Gravity	1.4 – 1.5
Appearance:	Brown suspension
Odor	Slight odor

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SECTION IV: FIRE AND EXPLOSION HAZARD DATA

Flash Point: Not Applicable  
Flammable Limits: Not Applicable  
Extinguishing Media: Water fog - dried resin only.  
Fire and Explosion Hazards: The dried resin is combustible, similar to wood. Burning dry resin emits dense, black smoke. As latex, material is not combustible.  
Fire Fighting Equipment: Wear positive pressure self-contained breathing apparatus.

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SECTION V: REACTIVITY DATA

Stability: (Conditions to avoid) May coagulate if frozen at 32°F, 0°C or below. Dried resin is combustible.  
Incompatibilities: (Specific materials to avoid) Addition of chemicals may cause coagulation.  
Hazardous Combustion or Decomposition Products: If burned, produces a dense black smoke and noxious gases (carbon monoxide and hydrocarbons).  
Hazardous Polymerization: Will not occur.

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SECTION VI: HEALTH HAZARDS

This product is not considered to present a health hazard when handled using standard laboratory practices and general hygiene measures, i.e. wash hands thoroughly after handling.

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SECTION VII: PRECAUTIONS FOR SAFE HANDLING AND USE

Contain spill with absorbent material. Wash and then dispose of absorbent material in an appropriate container. This product may contain < 0.1% sodium azide as a preservative (see product bulletin for specific properties). Sodium Azide can react with copper or lead plumbing to form highly explosive metal azides. Upon disposal, flush with a large volume of water to prevent azide build-up. Sodium Azide may be harmful if swallowed. In the event of oral exposure, and person is conscious, rinse mouth out with copious amounts of water. In all cases, immediately contact a physician.

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SECTION VIII: SPECIAL PRECAUTIONS

Store at temperatures between 40°F (4°C) and 110°F (43°C). Material may develop bacteria odor on long-term storage.

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SECTION IX: ADDITIONAL COMMENTS

The above information is believed to be correct, does not purport to be all-inclusive, and is for use only as a guide. Information provided is based on current knowledge, and is given to provide for the safe use of this product.

Employers should use this information only as a supplement to other information gathered by them and make independent judgment of the suitability of this information. The information is furnished without warranty and any use of this product not in conformance with this Material Safety Data Sheet, or in combination with any other product or process, is the responsibility of the user. Seradyn, Inc. shall not be held liable for any damage resulting from handling or from contact with the above named product.

Dispose of product in accordance with all applicable Federal, State, and local regulatory guidance.