

SPRAYSPHERES SM (SM-RE-1205-S)
MATERIAL SAFETY DATA SHEET



Prepared on: 01/08/2025 Revision date: 01/08/2030 Version: 1.2

SECTION 1: PRODUCT NAME AND COMPANY IDENTIFICATION	
Manufacturer Address	: Umang Particle Science Pvt Ltd Survey No. 42/A & B, NH8, Shirsad-Vajreshwari Road, Near BB Jadhav High School, Village-Chandip, Taluka-Vasai, District - Palghar 401303
Telephone	: +91-9518349134
Email	: info@umangglobal.com
Web	: www.umangparticlescience.com
Brand Name	: SPRAYSPHERES SM (SM-RE-1205-S)

SECTION 2: HAZARD(S) IDENTIFICATION	
Eye Contact	: May cause eye irritation
Skin Contact	: Non-irritant for skin
Ingestion	: Not applicable
Inhalation	: Not applicable
Potential Chronic Health Effects	: Carcinogenic Effects : not available. Mutagenic Effects : not available. Teratogenic Effects : not available.

SECTION 3: COMPOSITION / INGREDIENT INFORMATION		
Ingredients	CAS No.	EINECS No.
Microcrystalline Cellulose	[9004-34-6]	[232-674-9]
Mannitol	[69-65-8]	[200-711-8]
Hydroxypropyl Methylcellulose (HPMC)	[9004-65-3]	[220-971-6]
Iron Oxide Red (CI 77491)	[1309-37-1]	[215-168-2]

SECTION 4: FIRST AID MEASURES	
Eye Contact	: Locate eye wash station, and flush eyes immediately with large amount of water
Skin Contact	: No known effect on skin contact.
Serious Skin Contact	: Not Applicable.
Inhalation	: Not available
Serious Inhalation	: Not available
Ingestion	: If large quantities of this material are swallowed, call a physician immediately. Loosen tight clothing such as a collar, tie, belt or waistband.
Serious Ingestion	: Not available.

SECTION 5: FIRE FIGHTING MEASURES	
Flammability of the Product	: May be combustible at high temperature.
Explosion Hazards in Presence of Various Substances	: Risks of explosion of the product in presence of mechanical impact or static discharge is not available.
Fire Fighting Media and Instructions	: - Small Fire : Use dry chemical powder - Large Fire: Use water spray, fog or foam.
Special Remarks on Fire Hazards	: Not available.
Special Remarks on Explosion Hazards	: Not available.

SECTION 6: ACCIDENTAL RELEASE MEASURES	
Small Spill	: Use appropriate tools to put the spilled solid in a convenient waste disposal container. Finish cleaning by spreading water on the

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	contaminated surface and dispose of according to local and regional authority requirements.
Large Spill	: Use a shovel to put the material into a convenient waste disposal container. Finish cleaning by spreading water on the contaminated surface and allow evacuating through the sanitary system.

SECTION 7: HANDLING AND STORAGE	
Handling	: Avoid dust formation
Storage	: Store away from direct sunlight and moisture.

SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION	
Engineering Controls	: Use process enclosures, local exhaust ventilation, or other engineering controls to keep airborne levels below recommended exposure limits. If user operations generate dust, fume or mist, use ventilation to keep exposure to airborne contaminants below the exposure limit.
Personal Protection	: Ensure that safety goggles, cap, lab coat, gloves, closed toed shoes and nose mask are worn to avoid any contact with the hair and skin.
Personal Protection in Case of a Large Spill	: Keep away from spill site. Remove any protective clothing contained with the material and wash any exposed area of the hair and skin thoroughly with water. A self-contained breathing apparatus should be used to avoid inhalation of the product. Suggested protective clothing might not be sufficient; consult a specialist before handling this product if needed.
Exposure Limits	: Not available.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES	
Appearance	: Hard, brittle free flowing, red colored spheres
Solubility	: Partially soluble in water and insoluble in oils
Particle size	: NLT 90% should pass through 20# & NMT 10% should pass through 30#
pH	: 3.0 – 8.0
Loss on drying	: NMT 8.0%.
Bulk density	: NLT 0.5 gm/cc.
Leaching test	: Stable at: pH 3.0 pH 5.5 pH 8.0

SECTION 10: STABILITY AND REACTIVITY	
Data Stability	: Stability data obtained in different vehicles and conditions are available upon request.
Corrosively	: Non-corrosive in presence of glass.

SECTION 11: TOXICOLOGICAL INFORMATION	
Chronic Effects on Humans	: Mutagenic Effects: Test has not been performed at our laboratory.
Toxicity to Animals	: Test has not been performed at our laboratory.

SECTION 12: ECOLOGICAL INFORMATION	
Eco toxicity	: Not available.
BOD and COD	: Not available.
Toxicity of the Products of Biodegradation	: Not available.
Special Remarks on the	: Not available.

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Products of Biodegradation

SECTION 13: DISPOSAL CONSIDERATIONS

Waste Disposal : Waste must be disposed of in accordance with federal, state and local environmental control regulations.

SECTION 14: TRANSPORTATION INFORMATION

Land transport (ADR/RID) : Not classified as hazardous material.

Sea and water transport (IMDG) : Not classified as hazardous material.

Air Transport (IATA) : Not classified as hazardous material.

Special Provisions for Transport : Keep packaged products protected from sunlight and rain.

SECTION 15: REGULATORY INFORMATION

Brand Name : SPRAYSPHERES SM (SM-RE-1205-S)

SECTION 16: OTHER INFORMATION

- This information is provided for documentation purposes only.
- This product is not considered hazardous.

Information in this MSDS is from available published sources and is believed to be accurate. No warranty, express or implied, is made and Umang Particle Science assumes no liability resulting from the use of this MSDS. The user must determine the suitability of this information for his application.

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