

SAFETY DATA SHEET

Trade name: Master Glow Beads®

Revised: 7/22/2019

SECTION 1: Identification of the substance/mixture and of the company/undertaking

Trade name: Master Glow Beads®

Supplied by: Mud Masters Group, Inc.
500 W Wall St., Suite #200
Midland, TX 79701

Telephone: (432) 687-1171

Emergency: (800) 395-9332

Intended use: Drilling fluid additive

SECTION 2: Hazards identification

Emergency overview

Physical state: solid

Color: clear to white beads

Odor: slight

EMERGENCY OVERVIEW:

WARNING! Dust in high concentrations may form explosive dust/air mixtures. When pneumatically blown, equipment must be properly grounded.

MAY CAUSE EYE, SKIN AND RESPIRATORY TRACT IRRITATION. Avoid contact with eyes, skin and clothing. Avoid breathing airborne particulates. Keep container closed. Use with adequate ventilation. Wash thoroughly after handling. Slippery when wet. Dike and contain spills. Keep out of sewers and waterways. No significant immediate hazards for emergency response personnel are known.



HEALTH HAZARDS, GENERAL:

ACUTE EFFECTS:

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Particulates may cause mechanical irritation to the eyes, nose, throat and lungs.

INHALATION: May be irritating to the respiratory tract if inhaled.

INGESTION: May cause gastric distress if ingested.

SKIN: May be irritating to the skin.

EYES: May be irritating to the eyes.

CHRONIC EFFECTS:

CARCINOGENICITY: IARC: Not listed. OSHA: Not regulated. NTP: Not listed.

ROUTE OF ENTRY: Inhalation or eye contact.

TARGET ORGANS: Respiratory system, lungs. Eyes.

SECTION 3: Composition/information on ingredients

Chemical Name	CAS-No.	Concentration*
Copolymer Beads		100%

* All concentrations are in percent by weight unless ingredient is a gas. Gas concentrations are in percent by volume.

SECTION 4: First aid measures

EYE CONTACT: - In case of eye contact, flush immediately with Water for a minimum of 15 minutes; seek medical attention if contact irritation persists.

SKIN CONTACT: If contact with skin results in irritation, wash thoroughly with soap and water.

INHALATION: If affected by inhalation, remove to fresh air.

INGESTION: Small amounts (less than a mouthful) are not expected to have adverse health effects.

SECTION 5: Fire-fighting measures

FLASHPOINT: Auto ignition >500° C

EXTINGUISHING MEDIA: Water, Foam, Dry Agent

DECOMPOSITION PRODUCTS: Nitrogen and Carbon Oxides

UNUSUAL FIRE AND EXPLOSION HAZARDS: Excessive dust can cause explosive dust/air mixture.

FIRE FIGHTING EQUIPMENT: Fire Fighters and others exposed to products of combustion should wear self-contained breathing apparatus. Equipment should be thoroughly decontaminated after use.

SECTION 6: Accidental release measures

SPILL: In case of spill, if product cannot be collected by sweeping or vacuum and reused, dispose of in accordance with applicable regulations. Product as sold would be a nonhazardous solid industrial waste.

Avoid spillage into drains, surface, and ground water.

Resource Conservation and Recovery Act (RCRA) STATUS: Not regulated.

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SECTION 7: Handling & storage

Handle in accordance with good industrial hygiene and safety practices. These practices include avoiding unnecessary exposure and prompt removal of material from eyes, skin and clothing. Good housekeeping is essential in reducing possible slipping or dust hazards.

HANDLING AND STORAGE: No special storage requirements. Provide sufficient general ventilation during and after application. Close container after each use to prevent contamination. Avoid prolonged or repeated contact with skin, eyes and clothing. After handling this product, wash hands before eating, drinking or smoking. If necessary, take first aid action shown in Section 4.

SECTION 8: Exposure controls/personal protection

GENERAL CONSIDERATIONS:

Consider the potential hazards of this material (see section 3), applicable exposure limits, job activities, and other substances in the work place when designing engineering controls and selecting protective equipment.

EYE PROTECTION: Use safety glasses with side shields, goggles or safety glasses with faceshield to prevent particles from contacting eye and causing particulate irritation.

RESPIRATORY PROTECTION: Not normally needed. Use NIOSH approved respirator if exposure is unknown or exceeds any permissible limits for particulates not elsewhere classified and in cases of irritation.

PROTECTIVE GLOVES: Wear work gloves.

VENTILATION: General or Local exhaust.

LOCAL EXHAUST: Recommended in closed places.

Use NIOSH/MSHA approved respiratory protection equipment when airborne exposure limits are exceeded. Consult the respirator manufacturer to determine appropriate type of equipment for a given application. Observe respirator use limitations specified by NIOSH/MSHA or the manufacturer.

VENTILATION NOTES: Provide general or local ventilation to control exposure levels below airborne exposure limit. The use of local mechanical exhaust ventilation is preferred at sources of air contamination such as open process equipment. Consult NFPA Standard 91 for design of exhaust systems.

THRESHOLD LIMIT VALUE: None established for this Product.

PROTECTIVE EQUIPMENT: HMIS PERSONAL PROTECTION: B: Safety Glasses, Gloves

The user should read and understand all instructions and limitations supplied with the equipment since protection is usually provided for a limited time or under certain circumstances.

SECTION 9: Physical and chemical properties

APPEARANCE/ODOR: Solid- clear to white beads/ Slight Odor

VAPOR DENSITY (AIR = 1): N/A

SPECIFIC GRAVITY 1.06

SOLUBILITY IN WATER: Insoluble

SECTION 10: Stability and reactivity

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STABILITY: Stable

HAZARDOUS POLYMERIZATION: Will Not Occur.

CONDITIONS TO AVOID: Avoid creating excessive air borne dust- explosion hazard

INCOMPATIBILITY: Avoid strong oxidizing substances.

SECTION 11: Toxicological information

ACUTE TOXICITY: There is no evidence associating single exposure to the substance with a consistent and identifiable toxic effect.

SKIN CORROSION/IRRITATION: Persons with pre-existing skin disorders may experience slight irritation.

SERIOUS EYE DAMAGE/IRRITATION: Beads may be a mechanical irritant to eyes on direct contact.

STOT-SINGLE EXPOSURE: There is no evidence associating single exposure to the substance with a consistent and identifiable toxic effect.

STOT- REPEATED EXPOSURE: There is no evidence associating repeated exposure to the substance with a consistent and identifiable toxic effect.

ASPIRATION HAZARD: N/A

SECTION 12: Ecological information

Ecotoxicity: Not harmful to aquatic organisms.

SECTION 13: Disposal considerations

WASTE DISPOSAL: Follow applicable governing regulations for disposal. Product as sold is nonhazardous per RCRA.

SECTION 14: Transport information

The data provided in this section is for information only. The description shown may not apply to all shipping situations. Consult 49 CFR, or appropriate regulations to properly classify your shipment for transportation.

PROPER SHIPPING NAME: DOT NON-REGULATED –COPOLYMER BEADS

REPORTABLE QUANTITY: None

HAZARD CLASS AND LABEL: None

UN/NA NUMBER: N/A

PACKAGING SIZE: 50# Bag or 2000# Super Sacks

SECTION 15: Regulatory information

This product is not regulated under any U.S. Regulation and is not listed under national regulations. This product is exempt from registration on the following national and international inventories, based on its characterization as an "article". The definition of article used in this characterization can be found in the text

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of each.

SECTION 16: Other information

	Health Hazard	Fire Hazard	Instability	Special Hazard
NFPA	0	1	0	None

Hazard rating: 0 - Minimal; 1 - Slight; 2 - Moderate; 3 - Serious; 4 - Severe

	Health Hazard	Flammability	Physical Hazard	Personal Protection
HMIS	0	1	0	See section 8 above

Hazard rating: 0 - Minimal; 1 - Slight; 2 - Moderate; 3 - Serious; 4 - Severe

DISCLAIMER:

Although the information and recommendations set forth herein (hereinafter "Information") are presented in good faith and believed to be correct as of the date hereof, the Company makes no representations as to the completeness or accuracy thereof. Information is supplied upon the condition that the persons receiving this SDS will make their own determination as to its suitability for their intended purpose prior to use. Since the product is within the exclusive control of the user, it is the user's obligation to determine the conditions of safe use of this product. Such conditions should comply with all Federal Regulations concerning the Product.