



MATERIAL SAFETY DATA SHEET

GLASS BEADS

SECTION I: CHEMICAL PRODUCT & COMPANY IDENTIFICATION

MSDS NAME: Glass Beads for Road Marking
MANUFACTURER IDENTIFICATION: RAD PAINT MANUFACTURING LLC
Warehouse no 3, Dubai Investment Park 2, Dubai, UAE
Tel: +971 44 54 1491 Fax: +971 44 54 1492
Info@rad.ae - roadmarking@rad.ae
ORIGIN: Denmark, Europe.

SECTION II: HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW

Non- Combustible glass beads. Spilled material is extremely slippery.

Potential Health Effects:

EYE CONTACT: Practically non-irritating to the eyes.
SKIN CONTACT: Slightly irritating to skin.
INGESTION: No known Hazard.
INHALATION: May Cause Irritation.
CHRONIC HAZARDS: No known chronic hazard.

SECTION III: FIRST AID MEASURES

EYES: In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Get medical aid if irritation persists.
SKIN: In case of contact, immediately flush skin with plenty of water for at least 15 minutes. While removing contaminated clothing and shoes. Get medical aid immediately. Wash clothing before reuse.
INGESTION: None required.
INHALATION: None required.



SECTION IV: FIRE FIGHTING MEASURES

FLAMMABLE LIMITS:	This Material is non-combustible.
EXTINGUISHING MEDIA:	This material is compatible with all extinguishing media.
FIRE FIGHTING EQUIPMENT:	The Following protective equipment for fire fighters is recommended when this material is present in the area of a fire: Rubber boots with slip resistant soles.

SECTION V: ACCIDENTAL RELEASE MEASURES

PERSONAL PROTECTION:	Wear Rubber boots with slip resistant soles, and NIOSH- approved Dust respirator where dust occurs.
ENVIRONMENTAL HAZARDS:	Sinks in water. No known hazard to aquatic life.
SMALL SPILL CLEAN UP:	Carefully shovel or sweep up spilled material and place in suitable container. Avoid generating dust. Use appropriate personal protective equipment.
LARGE SPILL CLEAN UP:	Keep unnecessary people away; Isolate hazard area and deny entry. Don't walk through spilled material. Carefully shovel or sweep up spilled material and place in suitable container. Avoid generating dust. Use appropriate personal protective equipment.

SECTION VI: HANDLING AND STORAGE

HANDLING:	Avoid contact with eyes and skin. Avoid breathing dust. Keep container closed. Promptly cleanup spills.
STORAGE:	Store in cool, dry, well-ventilated area. Avoid moisture. Keep containers closed.

SECTION VII: EXPOSURE CONTROLS , PERSONAL PROTECTION

ENGINEERING CONTROLS:	Use with adequate ventilation. Keep containers closed. Eyewash station should be within direct access.
PERSONAL PROTECTIVE EQUIPMENT	
EYE PROTECTION:	Wear safety glasses.
SKIN PROTECTION:	Wear body covering clothing.



SECTION VIII: PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE:	Spherical glass beads.
ODOR:	Odorless.
PH VALUE:	Not Applicable.
FLASH POINT	Not Applicable.
SPECIFIC GRAVITY:	2.4-2.6g/cm ³
MELTING POINT:	Approximately 730°C
SOLUBILITY IN WATER:	Insoluble.

SECTION IX: STABILITY & REACTIVITY

CHEMICAL STABILITY:	This material is stable under all conditions of use and storage.
CONDITIONS TO AVOID:	None.
INCOMPATIBILITIES - WITH OTHER MATERIALS:	dissolves in Hydrofluoric acid.
HAZARDOUS - DECOMPOSITION PRODUCTS:	None Known.

SECTION X: TOXICOLOGICAL INFORMATION

SUBCHRONIC DATA:	There are no known reports of subchronic toxicity of non-fibrous glass.
SPECIAL STUDIES:	There are no known reports of carcinogenicity of non-fibrous glass.

SECTION XI: ECOLOGICAL INFORMATION

ECOTOXICITY:	There are no known reports of Ecotoxicity of non-fibrous glass.
PHYSICAL/ CHEMICAL:	Sinks in water. Insoluble in water.

SECTION XII: DISPOSAL CONSIDERATIONS

CLASSIFICATION:	Disposed material is not a hazardous waste.
DISPOSAL METHOD:	Dispose in accordance with proper regulations.



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SECTION XIII: TRANSPORT INFORMATION

This material is not regulated hazardous material for transportation.

The information above is believed to be accurate and represents the best information currently available to us. However, we make no warranty of merchantability or any other warranty, express or implied, with respect to such information, and we assume no liability resulting from its use. Users should make their own investigations to determine the suitability of the information for their particular purposes. In no event shall RAD Paints be liable for any claims, losses, or damages of any third party or for lost profits or any special, indirect, incidental, consequential or exemplary damages, howsoever arising, even if RAD Paints has been advised of the possibility of such damages.