

MATERIAL SAFETY DATA SHEET

SECTION I: IDENTIFICATION OF PRODUCT

COMPANY: **Diversity Technologies Corp.** DATE: **February 17, 2010**
8750 – 53rd Ave. PHONE: 780-468-4064
Edmonton, AB T6E 5G2 FAX: 780-469-1899

PRODUCT NAME: **GLASS BEADS**

PRODUCT USE: Oil well drilling fluid additive.
CHEMICAL FAMILY: Glass oxide CAS#: 65997-17-3

WORKPLACE HAZARDOUS MATERIALS INFORMATION SYSTEM (WHMIS)

WHMIS CLASSIFICATION: Not a controlled product under WHMIS
WORKPLACE HAZARD: Treat as a nuisance dust

TRANSPORTATION OF DANGEROUS GOODS (TDG)

PROPER SHIPPING NAME: Not regulated under TDG
TDG CLASSIFICATION: Not applicable
UN NUMBER (PIN): Not applicable
PACKING GROUP: Not applicable

SECTION II: HAZARDOUS INGREDIENTS

<u>INGREDIENT</u>	<u>% (w/w)</u>	<u>CAS NUMBER</u>	<u>LD₅₀Oral-Rat</u>	<u>LC₅₀Inhal-Rat</u>	<u>ACGIH-TLV</u>
-------------------	----------------	-------------------	--------------------------------	---------------------------------	------------------

Contains no WHMIS controlled ingredients.

SECTION III: HEALTH HAZARDS

ROUTE OF ENTRY: EYE CONTACT SKIN INHALATION INGESTION
EYE CONTACT: Mechanical irritant.
SKIN CONTACT: Will tend to dry skin from dust absorbing surface oils.
INGESTION: No toxic effects expected.
INHALATION: Repeated or prolonged inhalation of dust in excess of permissible exposure limits may result in irritation of the respiratory tract. Chronic respiratory conditions may be aggravated by exposure to high concentrations of dust.
CARCINOGENICITY: Not listed by OSHA, NTP or IARC.
TERATOGENICITY: No information available.

REPRODUCTIVE TOXICITY: No information available.
MUTAGENICITY: No information available.
SYNERGISTIC PRODUCTS: No information available.

SECTION IV: FIRST AID MEASURES

SKIN CONTACT: Wash with water. If irritation develops, obtain medical attention.
EYE CONTACT: Flush with gently flowing warm water until particle(s) is removed. If irritation persists, Obtain medical attention.
INGESTION: No toxic effects expected. If symptoms develop, obtain medical attention.
INHALATION: Move patient from dusty area. Apply oxygen or artificial respiration if required. If breathing difficulties or distress continues obtain medical attention.

SECTION V: PHYSICAL DATA

APPEARANCE AND ODOUR: White / off-white granules; odourless
SPECIFIC GRAVITY: 2.5
BOILING POINT (°C): Not available
MELTING POINT (°C): Not available
SOLUBILITY IN WATER: Insoluble pH: Not applicable
PERCENT VOLATILE BY VOLUME: Not applicable
EVAPORATION RATE: Not applicable
VAPOUR PRESSURE (mmHg): Not applicable
VAPOUR DENSITY (air = 1): Not applicable
BULK DENSITY: Not available

SECTION VI: FIRE AND EXPLOSION HAZARD DATA

FLASH POINT: Not flammable
FLAMMABLE LIMITS: Not applicable
EXTINGUISHING MEDIA: Will not support combustion.
SPECIAL FIRE FIGHTING PROCEDURES: Use media suitable for surrounding materials and packaging.
UNUSUAL FIRE AND EXPLOSION HAZARDS: None known.

SECTION VII: REACTIVITY DATA

STABILITY:	STABLE [XX]	UNSTABLE []
INCOMPATIBILITY (CONDITIONS TO AVOID):	Hydrofluoric, fluorosilicic and phosphoric acids, and hot strong alkaline solutions.	
CONDITIONS OF REACTIVITY:	Not available.	
HAZARDOUS DECOMPOSITION PRODUCTS:	Not available.	
HAZARDOUS POLYMERIZATION:	WILL NOT OCCUR [XX]	MAY OCCUR []

SECTION VIII: PREVENTATIVE MEASURES**SPECIAL PROTECTION INFORMATION**

RESPIRATORY PROTECTION:	Suggest dust mask for general use. Recommend an approved respirator with dust cartridges be worn if concentration of airborne dust exceeds TLV.
VENTILATION:	General mechanical sufficient for general use. Use engineering controls to maintain dust level below TLV (15 mg/m ³).
PROTECTIVE GLOVES:	Not required.
EYE PROTECTION:	Suggest safety glasses.
OTHER PROTECTIVE EQUIPMENT (Specify):	Ensure eye wash station and safety shower are available.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING

Use good industrial hygiene practices. Wash thoroughly after handling. Avoid creating dust when transferring material. Store in a cool, dry area away from incompatible materials.

STEPS TO BE TAKEN IN CASE THE MATERIAL IS SPILLED OR RELEASED

Use appropriate safety equipment. Vacuum or sweep up. Collect uncontaminated material for repackaging. Collect contaminated material for disposal in an approved container for disposal.

WASTE DISPOSAL METHOD

Dispose in accordance with federal, provincial and local regulations. This material can be landfilled in most locations; check with local operator. It is the responsibility of the end-user to determine if material meets the criteria of hazardous waste at the time of disposal.

SECTION IX: PREPARATION

THE INFORMATION CONTAINED HEREIN IS GIVEN IN GOOD FAITH,
BUT NO WARRANTY, EXPRESSED OR IMPLIED, IS MADE.

DATE ISSUED: February 17, 2010

BY: Product safety committee

SUPERSEDES: February 14, 2007

PHONE: 780-440-4923

**Diversity Technologies Corp. is the parent company of
Canamara-United Supply, Hollimex Products, The Drilling Depot and
Westcoast Drilling Supplies.**