

MATERIAL SAFETY DATA SHEET**SECTION I: IDENTIFICATION OF PRODUCT**

COMPANY: **Diversity Technologies Corp.** DATE: Oct. 21, 2006
8750 – 53rd Ave. PHONE: 780-468-4064
Edmonton, AB T6E 5G2 FAX: 780-469-1899

PRODUCT NAME: **BORE-PLATE**

PRODUCT USE: Oil well drilling fluid additive.
CHEMICAL FAMILY: Asphaltite CAS #: **12002-43-6**

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>PERCENT</u>	<u>CAS NUMBER</u>	<u>LD₅₀ Oral-Rat</u>	<u>LC₅₀ Inhal-Rat</u>	<u>ACGIH-TLV</u>
Gilsonite	100	12002-43-6	Not available	Not available	5 mg/m ³

SECTION III: HEALTH HAZARDS

ROUTE OF ENTRY: EYE CONTACT SKIN INHALATION INGESTION

EYE CONTACT: May cause mechanical irritation.

SKIN CONTACT: Prolonged, or repeated, contact may cause irritation.

INGESTION: No toxic effects expected.

INHALATION: Excessive inhalation may cause mild respiratory discomfort.

CARCINOGENICITY: **Not listed by NTP, OSHA or ACGIH.**

TERATOGENICITY: No information available.

REPRODUCTIVE TOXICITY: No information available.

MUTAGENICITY: **Not mutagenic in Ames assay test.**

SYNERGISTIC PRODUCTS: No information available.

SECTION IV: FIRST AID MEASURES

SKIN CONTACT: Wash with soap and water. If irritation develops, obtain medical attention. Launder contaminated clothing before reuse.

EYE CONTACT: Flush with gently flowing warm water until particles are removed. If irritation persists, consult a physician.

INGESTION: Do not induce vomiting. Rinse mouth and give one to two glasses of water to dilute material. If symptoms develop, obtain medical attention. Never give anything by mouth to an unconscious or convulsing victim.

INHALATION: Move patients to fresh air. Give oxygen or apply artificial respiration if required. If breathing difficulties, or distress, continue obtain medical attention.

SECTION V: PHYSICAL DATA

APPEARANCE AND ODOUR:	Black, free-flowing powder; odourless	
SPECIFIC GRAVITY:	1.1	
BOILING POINT (°C):	Not available	
MELTING POINT (°C):	Not available	
SOLUBILITY IN WATER:	Insoluble	pH: Not applicable
PERCENT VOLATILE BY VOLUME:	Not available	
EVAPORATION RATE:	Not available	
VAPOUR PRESSURE (mmHg):	Not available	
VAPOUR DENSITY (Air = 1):	Not available	
BULK DENSITY:	Not available	

SECTION VI: FIRE AND EXPLOSION HAZARD DATA

FLASH POINT:	218.3°C
FLAMMABLE LIMITS:	Not available
EXTINGUISHING MEDIA:	Use carbon dioxide, dry chemical, foam or water fog
SPECIAL FIRE FIGHTING PROCEDURES:	Self-contained breathing apparatus required for fire fighting personnel. Move containers from fire area, if possible.
UNUSUAL FIRE AND EXPLOSION HAZARDS:	Dusts are subject to combustion or explosion upon contact with sparks, open flames or temperatures in excess of 570°C.

SECTION VII: REACTIVITY DATA

STABILITY:	STABLE [XX]	UNSTABLE []
INCOMPATIBILITY (CONDITIONS TO AVOID):	May react with strong oxidizers.	
CONDITIONS OF REACTIVITY:	Heat; contact with incompatible materials.	
HAZARDOUS DECOMPOSITION PRODUCTS:	Carbon dioxide, water vapour and perhaps oxides of nitrogen on combustion.	
HAZARDOUS POLYMERIZATION:	WILL NOT OCCUR [XX]	MAY OCCUR []

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

RESPIRATORY PROTECTION:	Dust masks recommended. Use approved respirator with dust cartridges if TLV is exceeded.
VENTILATION:	Local exhaust ventilation, process enclosure or other engineering control should be used to ensure that dust concentration in air does not exceed TLV.
PROTECTIVE GLOVES:	Not required.
EYE PROTECTION:	Safety glasses with side shields or goggles for dusty environments.
OTHER PROTECTIVE EQUIPMENT (Specify):	Ensure eyewash station and emergency shower are available.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING

Avoid skin and eye contact. Wash thoroughly after use. Store in a cool, dry area away from oxidizers and ignition sources. Avoid creating dust clouds during use.

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

Use appropriate safety equipment. Eliminate ignition sources. Sweep up and shovel to collect material. Collect uncontaminated material for repackaging. Collect contaminated material for disposal in an approved container for disposal.

WASTE DISPOSAL METHOD

Dispose/landfill in accordance with federal, provincial and local regulations. 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.

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BY: Product safety committee

**Diversity Technologies Corp. is the parent company of
Canamara-United Supply Ltd., Hollimex Products Ltd. and Canamara SDS.**