

MATERIAL SAFETY DATA SHEET

SECTION I: IDENTIFICATION OF PRODUCT

COMPANY: **Diversity Technologies Corp.** DATE: **January 5, 2010**
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Edmonton, AB T6E 5G2 FAX: 780-469-1899

PRODUCT NAME: **CELLOPHANE**

PRODUCT USE: Oilwell drilling fluid and cement additive.
CHEMICAL FAMILY: Organic polymer CAS#: 9005-81-6

WORKPLACE HAZARDOUS MATERIALS INFORMATION SYSTEM (WHMIS)

WHMIS CLASSIFICATION: Not a WHMIS controlled
WORKPLACE HAZARD: Not applicable

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: May cause mechanical irritation.
SKIN CONTACT: Non-irritating.
INGESTION: No adverse effects expected.
INHALATION: No adverse effects expected.
CARCINOGENICITY: No information available.
TERATOGENICITY: No information available.
REPRODUCTIVE: No information available.
TOXICITY:
MUTAGENICITY: No information available.

SYNERGISTIC
PRODUCTS: No information available.

SECTION IV: FIRST AID MEASURES

EYE CONTACT: Flush with gently flowing, warm water until particles are dislodged. If irritation persists, obtain medical attention.

SKIN CONTACT: If irritation occurs, or when shift ends, wash with soap and water until clean.

INGESTION: Not toxic. No first aid should be required

INHALATION: Move to area free from dust. Apply oxygen or artificial respiration. If breathing difficulties or distress continues, obtain medical attention.

SECTION V: PHYSICAL DATA

APPEARANCE AND ODOUR:	Transparent flakes; odourless	
SPECIFIC GRAVITY:	1	
BOILING POINT (°C):	Not determined	
MELTING POINT (°C):	Not determined	
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 applicable
FLAMMABLE LIMITS:	Not applicable
EXTINGUISHING MEDIA:	Dry chemical, foam, CO ₂ 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:	This product is not considered flammable, but will burn under fire conditions.

SECTION VII: REACTIVITY DATA

STABILITY:	STABLE [XX]	UNSTABLE []
INCOMPATIBILITY (CONDITIONS TO AVOID):	Avoid open flames.	

CONDITIONS OF REACTIVITY: Not available
HAZARDOUS DECOMPOSITION PRODUCTS: Oxides of carbon and hydrocarbons on combustion
HAZARDOUS POLYMERIZATION: WILL NOT OCCUR [XX] MAY OCCUR []

SECTION VIII: PREVENTATIVE MEASURES

SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION: Approved dust masks or respirator with dust cartridges recommended if dust is generated during use.

VENTILATION: Not required under normal conditions of use. Use local exhaust ventilation, process enclosure or other engineering controls to maintain concentration of airborne dust below TLV.

PROTECTIVE GLOVES: Personal preference

EYE PROTECTION: Suggest goggles or safety glasses with side-shields be worn.

OTHER PROTECTIVE EQUIPMENT (Specify): Ensure eyewash station and emergency shower are available.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING

Avoid creating dust. Avoid inhalation of dust. Practice reasonable caution and personal cleanliness. Store in a cool dry area. Keep away from open flames.

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

Use appropriate safety equipment. Vacuum if possible to avoid generating airborne dust. Collect uncontaminated material for repackaging. Collect contaminated material in an approved container for disposal.

WASTE DISPOSAL METHOD

Dispose/incinerate in accordance with federal, provincial and local regulations. Uncontaminated product can be landfilled or recycled in most areas. 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: **January 5, 2010**

BY: Product Safety Committee

SUPERSEDES: **January 3, 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.**