

MATERIAL SAFETY DATA SHEET

SECTION I: IDENTIFICATION OF PRODUCT

COMPANY: **Diversity Technologies Corp.** DATE: **October 6, 2009**
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Edmonton, AB T6E 5G2 FAX: 780-469-1899

PRODUCT NAME: **PolySeal (Poly Flake)**

PRODUCT USE: Lost circulation material
CHEMICAL FAMILY: Polyester film CAS#: Not available

WORKPLACE HAZARDOUS MATERIALS INFORMATION SYSTEM (WHMIS)

WHMIS CLASSIFICATION: Not WHMIS controlled.
WORKPLACE HAZARD: Treat as 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>
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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: Low acute oral toxicity. No effects expected.
INHALATION: Not a likely route of exposure.
CARCINOGENICITY: No information available.
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: Non-toxic. No first aid should be required.
 EYE CONTACT: Flush with gently flowing warm water until particles are removed. If irritation persists, obtain medical attention.
 INGESTION: Non-toxic. If symptoms develop, obtain medical attention.
 INHALATION: No first aid measures required. If symptoms develop, obtain medical attention.

SECTION V: PHYSICAL DATA

APPEARANCE AND ODOUR:	Clear to hazy plastic film; no odour	
SPECIFIC GRAVITY:	Not available	
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:	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, or cool with water spray, if possible.
UNUSUAL FIRE AND EXPLOSION HAZARDS:	Product will burn. Avoid spraying water directly on molten material to prevent splashing and spread of fire.

SECTION VII: REACTIVITY DATA

STABILITY:	STABLE [XX]	UNSTABLE []
INCOMPATIBILITY (CONDITIONS TO AVOID):	Oxidizing materials. Avoid heat, open flames and other sources of ignition.	

CONDITIONS OF REACTIVITY:
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: None required.
VENTILATION: None required.
PROTECTIVE GLOVES: None required.
EYE PROTECTION: Suggest safety glasses with side-shields.
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 handling. Use only in a well ventilated area. Store in a cool, dry area away from oxidizers and ignition sources.

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

Use appropriate safety equipment. Eliminate ignition sources. Spills should be swept-up or vacuumed immediately to prevent a slip hazard. Collect uncontaminated material for repackaging. Collect contaminated material in an approved container for disposal.

WASTE DISPOSAL METHOD

Dispose 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. This product can be landfilled in most locations.

SECTION IX: PREPARATION

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

DATE ISSUED: October 6, 2009 BY: Product safety committee
SUPERSEDES: November 23, 2006 PHONE: 780-440-4923

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