

MATERIAL SAFETY DATA SHEET

<p>WHMIS HAZARD INDEX: D2A</p> <p>0 INSIGNIFICANT 1 SLIGHT 2 MODERATE 3 HIGH 4 EXTREME</p>	<p>PRODUCT CODE:</p> <p>FIRE 1 REACTIVITY 0 SPECIAL 0 TOXICITY 1</p>																				
<p>SECTION 1 LOCATION</p> <p>TOPCO OILSITE PRODUCTS LTD. BAY 5, 3401 – 19 STREET N.E. CALGARY, ALBERTA CANADA T2E 6S8</p> <p>PHONE (403) 219-0255 FAX (403) 291-3042</p>	<p>SECTION 6 TOXICOLOGY</p> <p>ROUTE OF ENTRY: SKIN & EYE CONTACT</p> <p>CHRONIC EFFECTS: MAY CAUSE IRRITATION AND POSSIBLE DERMATITIS IN SENSITIVE INDIVIDUALS</p> <p>ACUTE TOXICOLOGY: NO DATA AVAILABLE</p>																				
<p>TRADE NAME: THERMAL-SEAL MATERIAL USE: LUBRICATE & SEAL CASING & TUBING IN STEAM & GEO-THERMAL SERVICE PIPE THREADS</p>	<p>SECTION 7 PREVENTION MEASURES</p> <p>GLOVES: RUBBER OR CLOTH</p> <p>EYE PROTECTION: GOGGLES RECOMMENDED</p> <p>VENTILATION: LOCAL EXHAUST</p> <p>RESPIRATORY PROTECTION: NONE REQUIRED</p> <p>LEAK & SPILL PROCEDURE: PREVENT MATERIAL FROM ENTERING WATERCOURSES BY CONTAINING WITH SAND OR EARTH.</p> <p>WASTE DISPOSAL: DISPOSE IN COMPLIANCE WITH GOVERNMENT REGULATIONS AND LOCAL REQUIREMENTS.</p> <p>STORAGE REQUIREMENTS: COOL, DRY AREA, AWAY FROM SOURCES OF HEAT</p>																				
<p>SECTION 2 HAZARDOUS INGREDIENTS</p> <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;"><u>COMPOSITION</u></th> <th style="text-align: left;"><u>APPROX. CONCENTRATION</u></th> <th style="text-align: left;"><u>C.A.S.</u></th> <th style="text-align: left;"><u>EXP.LIMITS</u></th> </tr> </thead> <tbody> <tr> <td>COPPER DUST</td> <td>5 – 10%</td> <td>1317-38-0</td> <td>N/A</td> </tr> <tr> <td>GRAPHITE</td> <td>15 – 25%</td> <td>7782-42-5</td> <td>N/A</td> </tr> <tr> <td>ZINC DUST</td> <td>10 – 25%</td> <td>7440-66-6</td> <td>N/A</td> </tr> <tr> <td>CERIUM FLUORIDE</td> <td>5 – 10%</td> <td>7758-88-5</td> <td>N/A</td> </tr> </tbody> </table>	<u>COMPOSITION</u>	<u>APPROX. CONCENTRATION</u>	<u>C.A.S.</u>	<u>EXP.LIMITS</u>	COPPER DUST	5 – 10%	1317-38-0	N/A	GRAPHITE	15 – 25%	7782-42-5	N/A	ZINC DUST	10 – 25%	7440-66-6	N/A	CERIUM FLUORIDE	5 – 10%	7758-88-5	N/A	<p>SECTION 8 FIRST AID MEASURES</p> <p>SKIN: WASH THOROUGHLY WITH SOAP AND WARM WATER</p> <p>EYE: FLUSH WITH WATER FOR AT LEAST 15 MINUTES</p> <p>INHALATION: VAPOR PRESSURE IS NEGLIGIBLE. REMOVE VICTIM FROM FURTHER EXPOSURE</p> <p>INGESTION: DO NOT INDUCE VOMITING. SEEK MEDICAL ATTENTION IMMEDIATELY.</p>
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<p>SECTION 3 CHEMICAL & PHYSICAL PROPERTIES</p> <p>NAME: SYNTHETIC GREASE WITH ADDITIVES</p> <p>ODOR: ODORLESS</p> <p>COLOR: COPPER PASTE</p> <p>PHYSICAL STATE: SEMI-SOLID</p> <p>SPECIFIC GRAVITY: 1.48 g./c.c.</p> <p>BOILING POINT: N/A</p> <p>SOLUBILITY: INSOLUBLE IN WATER</p>	<p>SECTION 9 PREPARATION DATE</p> <p>PREPARED BY: ALAN S. HUEHN GENERAL MANAGER TOPCO OILSITE PRODUCTS LTD.</p> <p>DATE: August 1, 2009</p> <p>PRODUCT NOT TDG REGULATED AS PER WHMIS STANDARD.</p>																				
<p>SECTION 4 FIRE & EXPLOSION HAZARDS</p> <p>PROCEDURES: USE WATER ONLY AS A FOG. FIRE FIGHTERS SHOULD USE SELF-CONTAINED BREATHING APPARATUS WITH FULL FACE PIECE OPERATED IN POSITIVE PRESSURE DEMAND.</p> <p>UNUSUAL FIRE & EXPLOSION HAZARDS: NONE</p> <p>FLASH POINT: GREATER THAN 340°C (640°F) ASTM D-92</p> <p>EXTINGUISHING AGENTS: DRY CHEMICAL, WATERFOG, CO2, FOAM, SAND/EARTH</p>	<p>SECTION 5 REACTIVITY DATA</p> <p>CHEMICAL STABILITY: YES</p> <p>INCOMPATIBILITY: STRONG OXIDIZING AGENTS</p> <p>HAZARDOUS DECOMPOSITION PRODUCTS: CARBON MONOXIDE & CARBON DIOXIDE, OXIDES OF ZINC</p>																				
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