



**Today's products for tomorrow's Environment**

**THE ULTIMATE ALTERNATIVE OIL ABSORBENT TO PEAT PRODUCTS**  
WHICH OFFERS A SAFE, EFFECTIVE CONTROL AND REMOVAL SYSTEM TO COMBAT OIL/FUEL  
SPILLAGES ON LAND AND WATER.

100% ORGANIC HARVESTED SOFTWOOD  
100% SOUTH AFRICAN  
ZERO IMPACT ON ENVIRONMENT  
FAST ACTION ENSURES SWIFT CLEAN UP  
ABSORBS UP TO SIX TIMES ITS OWN VOLUME OF OILS AND FUELS



### **SPILLS ON IMPERMEABLE SURFACES**

APPLY ZORB 614 AROUND THE EDGE OF THE SPILL TO PREVENT SPREADING, THEN COMPLETE COVERAGE OF THE EFFECTED AREA TO A DEPTH OF APPROXIMATELY 13mm. LIGHT OILS AND FUELS WILL BE ABSORBED ALMOST IMMEDIATELY, HEAVY OILS MAY TAKE TWO TO THREE MINUTES TO ABSORB. IN THE INTEREST OF CLEANLINESS THE SATURATED ZORB SHOULD NOT BE LEFT ON THE FLOOR AREA ONCE IT HAS ABSORBED THE SPILLAGE AND SHOULD BE SWEEPED UP AND DISPOSED OF AS SOON AS POSSIBLE, LEAVING A SAFE, DRY SURFACE.



### **SPILLS ON WATER**

ZORB 614 IS EASILY APPLIED TO SPILLS ON WATER, EITHER BY HAND OR MECHANICAL MEANS. TO CONTROL AND REMOVE HYDROCARBONS, TREAT THE SPILL IN THE SAME MANNER AS FOR IMPERMEABLE SURFACES AND LEAVE FOR ONE TO TWO MINUTES FOR TOTAL ABSORPTION. ZORB 614 "GRABS", ABSORBS AND MOST IMPORTANTLY HOLDS THE OIL, DUE TO THE UNIQUE INTERLOCKING FEATURES, ZORB FORMS A FIRM "CRUST", THE SPILL CAN EASILY BE DRAWN ASIDE AND LIFTED OFF FOR DISPOSAL BY MEANS OF A MESH SCOOP OR MECHANICAL MEANS.

### **TYPICAL USES**

MINES – STEEL INDUSTRY – WORKSHOPS – POWER STATIONS – RAIL/HIGHWAYS – GARAGES &  
FORECOURTS – DOCKYARDS – SHIP BILGE'S – MARINAS – OIL DISTRIBUTION TERMINALS –  
REFINERIES – INLAND WATERCOURSES

# ZORB 614 MATERIAL SAFETY DATA SHEET

<p><b>1. IDENTIFICATION:</b></p> <p>Product Name: ZORB 614 CAS No: None</p> <p>Company Name: Specialized Environmental Solutions 9 Flora Street Valhalla Centurion Pretoria Fax: 086 621 2462 Cell: 083 273 3370</p> <p><b>2. COMPOSITION:</b> Natural organic fibre</p> <p><b>3. HAZARDS IDENTIFICATION:</b> Non Hazardous</p> <p><b>4. FIRST AID MEASURES:</b> EYES: Flush with copious amounts of water, seek medical attention if irritation persists. SKIN: Wash with soap and water. INGESTION: No permanent harm expected. INHALATION: Remove patient to fresh air.</p> <p><b>5. FIRE FIGHTING MEASURES:</b> Unused – no special methods advised. Establish nature of containment and use appropriate media.</p> <p><b>6. ACCIDENTAL RELEASE:</b> Sweep up and containerize.</p> <p><b>7. HANDLING &amp; STORAGE:</b> Store in dry conditions. Good normal warehouse practices.</p> <p><b>8. EXPOSURE CONTROLS &amp; PERSONAL PROTECTION:</b> EYES: Wear goggles or glasses if felt to be necessary to reduce dust nuisance. SKIN: (Wash hands before handling food) RESPIRATORY: Use in adequate ventilation.</p>	<p><b>9. TYPICAL PHYSICAL &amp; CHEMICAL PROPERTIES:</b> APPEARANCE: Brown fibrous Material ODOUR: Slight pine INITIAL BP: N/A FLASH POINT PMCC: N/A AUTO – IGN TEMP: &gt;235°C DENSITY: 0.32g/cm<sup>3</sup> EXPLOSIVE LIMITS: N/A VAPOUR DENSITY: N/A pH VALUE: Neutral CALORIFIC VALUE: 7940 btu</p> <p><b>10. STABILITY &amp; REACTIVITY:</b> Stable. Avoid contact with strong oxidizing agents.</p> <p><b>11. TOXICOLOGICAL INFORMATION:</b> ORAL: No personal harm expected. SKIN: No evidence of irritant effects from normal handling. INHALATION: Use non-toxic type face mask in extreme conditions. EYE: Irritating but does not injure eye tissue.</p> <p><b>12. ECOLOGICAL INFORMATION:</b> <b>BIODEGRADABILITY:</b> 100% biodegradability.</p> <p><b>13. DISPOSAL CONSIDERATIONS:</b> Dispose by incineration or in compliance with Local Regulations.</p> <p><b>14. TRANSPORT INFORMATION:</b> Not regulated or hazardous</p> <p><b>15. REGULATORY INFORMATION:</b> Not classified as hazardous under C.H.I.P. regulations (1993).</p> <p><b>16. OTHER INFORMATION:</b> The information within this data sheet relates only to the raw material and is to the best of the Companies knowledge accurate and reliable. It is the users responsibility to confirm the suitability of the product for his particular application.</p>
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