TECHNICAL DATA SHEET - HIGHLY OLEOPHILIC AND HYDROPHOBIC SUPERABSORBENT POLYMER

ZapZorb OA

PRODUCT OVERVIEW:

- ZapZorb OA is a highly oleophilic and hydrophobic recycled proprietary resin in powder form engineered to solidify and stabilize crude storage tank sludge, oil residues, drill cuttings, and other liquid waste streams. Its ultra-fine particle size enables rapid, thorough absorption at significantly lower dosage rates than commonly used commodity absorbents, which reduces total waste volume, disposal costs, and project time on site.

APPLICATIONS:

- Environmental Remediation (soil and groundwater contamination sites)
- Industrial waste solidification (helps treated material pass EPA Paint Filter Test for landfill acceptance)
- Oil and gas drill cuttings solidification (HDD, conventional drilling)
- Oil, grease, and solvent spill response and cleanup (surface and subsurface applications)

PRODUCT ADVANTAGES:

- Excellent absorption capacity by absorbing and retaining under pressure
- Works in diverse waste streams even when oil and water are mixed
- 100% recycled content that supports sustainability and waste reduction goals
- Little to no increase in waste volumes vs. alternatives (i.e. sawdust: 30–200% by weight; ZapZorb OA: significantly lower dosage rates) leading to fewer truckloads and lower disposal fees

TECHNICAL INFORMATION:

Particle Size Distribution (µm)	(< 2 mm 100%); < 0.4 mm: 75%, < 0.2 mm: 50%, < 0.1 mm: 25%
Absorption Capacity (ASTM F726-17)	4.2-7.2 lb/lb
Moisture (%)	< 3
pH	2.5 – 8.5
Bulk Density (lb/cu ft)	6.2 (bulk) to 12.4 (in bags)

PRODUCT INFORMATION:

Storage	Store away from heat and open flames
Appearance	Fine powder off white to yellow/beige in color
Packaging	Multi-wall bags and supersacks (custom packaging may be available. Contact Chase Corporation for details.)

APPLICATION INSTRUCTIONS:

- Compatible with a broad range of processes; contact us below to learn how we can tailor this product to fit your specific needs.

ENVIRONMENTAL, HEALTH AND SAFETY:

- Eco- and crew-friendly: Inert, low-toxicity profile; safe handling in typical use.
- For additional information, refer to our Safety Data Sheets for further details regarding the safe use of this product.

ANY QUESTIONS?

- Reach out to us: www.chasecorp.com/contact-us
- Visit our website: www.chasecorp.com/brands/zappa-stewart
- Call our sales team at (781) 750-0525

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