ZAPPA stewart

CHASE Corporation

We make a material difference

TECHNICAL DATA SHEET

ZapZorb Original

PRODUCT OVERVIEW:

- A proprietary superabsorbent polymer with small to mid-particle size specifically engineered for infrastructure & industrial applications.
- Rapidly solidifies a wide range of liquid-bearing waste with minimal amendments rates (0.1%-2% wt/wt).

APPLICATIONS:

- Energy & Infrastructure – solidification of sludge, CCR residuals, slurries, drilling mud and tunnel muck to support operational efficiency during construction.
- Industrial & Environmental Remediation – solidification of liquid waste streams to meet disposal requirements.

PRODUCT ADVANTAGES:

- High absorption capacity; proprietary blend ensures maximum absorption.
- Low dust; safe and easy-to-use; non-toxic and no special PPE required.
- Fast absorption and solidification rates.
- No negative environmental impact on soil/sludge/tunnel muck.
- Supports passing EPA paint filter tests (Method 9095B).
- Reduces disposal costs, reagent handling & mixing costs.
- Avoids waste bulking and costly transportation of liquids.

APPROVALS / CERTIFICATIONS:

- Not readily biodegradable per OECD-301B.

TECHNICAL INFORMATION:

Particle Size Distribution (µm)	106 - 850
Absorption Capacity (g/g deionized water - average)	> 300
Moisture (%)	< 10
pH	5.5 – 6.5
Residual Monomer (ppm)	< 1000
Typical Dosage Rates	0.1% - 2% wt/wt
Typical Bulk Density	0.6 - 0.8 g/cm^3

PRODUCT INFORMATION:

Storage	Unopened original packaging, stored in dry conditions, protected from direct UV exposure
Appearance	Free flowing granules
Packaging	50lb bags and supersacks (Custom packaging available)

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:

- Refer to 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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