

QUIK-SOLID®

SUPERABSORBENT MEDIA

DESCRIPTION

QUIK-SOLID® is a solid, granular cross-linked polyacrylate advanced superabsorbent media that rapidly absorbs and retains large volumes of fresh water aqueous solutions. Its absorptive properties are ideally suited for the absorption and solidification of hazardous and non-hazardous waste waters, soils, and semi-solid matter. This high efficiency absorbent is capable of absorbing up to 250 times by weight of aqueous matter and reduces waste disposal costs by maximizing volume expansion less than 1%.

APPLICATIONS

QUIK-SOLID® is specially formulated for use in the following applications:

- Solidification of dredge spoils, wet soils and other semi-solid matter
- High efficient solidification agent for Low Level Waste (LLW), Mixed and Hazardous wastes
- Moisture and free liquid control caused by container rain and other condensation

BENEFITS

- Expands in volume by less than 1%, reducing overall disposal costs
- Helps solid pass Paint Filter Test
- Easy to apply granular media requires little mixing
- Strong Ion Exchange allows for some heavy metals to be bound and stabilized
- Non-exothermic
- Freeze-Thaw Tested, will not release liquids after freezing and subsequent heating (160° F)
- Product is also available in sheets

PACKAGING

QUIK-SOLID® is available in the following packaging options:

- 30 lb pail
- 50 lb bag
- 500 lb super sack
- 1830 lb super sack



QUIK-SOLID® is a high-efficiency product ideally suited for the solidification/stabilization of aqueous matter containing hydrocarbons and other organics.

TESTING DATA

PHYSICAL PROPERTIES		
PROPERTY	TEST METHOD	RESULTS
Bulk Density (g/cc)	CETCO Test Method	0.48-0.60
Absorbency Under No Load – AUNL, 0.9% saline solution	CETCO Test Method	48 g/g Minimum
Absorption Under Load – AUL, 0.7 psi, 0.9% saline solution	CETCO Test Method	18 g/g Minimum

cetco@mineralstech.com | cetco.com | 800.527.9948

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