



CABOT AEROGEL FOR HAZARDOUS WASTE CONTAINMENT AND RECLAMATION

The superior properties of high performance Cabot aerogel make it the obvious choice for oil containment, reclamation and reuse. Cabot's aerogel is a porous amorphous silica that is:

- Hydrophobic / water repellent
- UV stable
- Non-toxic
- Lightweight
- Non combustible
- Inert

Oil Spill Management

- High capacity
- Selective - will not absorb water
- Self activating
- Fast acting
- Ability to draw oils from free surface
- Extreme buoyancy
- Easy to extract from water
- Facilitates easy energy recovery

Product Features

Particle size range	0.1 - 4.0mm
Pore diameter	~ 20nm
Porosity	>90%
Particle density	120 - 145
Bulk density	70 - 90kg/m ³
Surface chemistry	Fully hydrophobic
Surface area	600 - 800m ² /g
CAS RN	102262-30-6
Oil absorption	800-1000g/100g particle

Cabot aerogel is reusable, safe for human and ecological systems, and is manufactured with little to no impact on the environment. It holds Silver Cradle to CradleSM certification from McDonough Braungart Design Chemistry. This stringent independent certification process examines a product's manufacturing characteristics and ecological impact, aiming to eliminate waste entirely and create a healthy and sustainable society. Cabot certifies it has completed the EU REACH pre-registrations required for all Cabot aerogel products.



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