

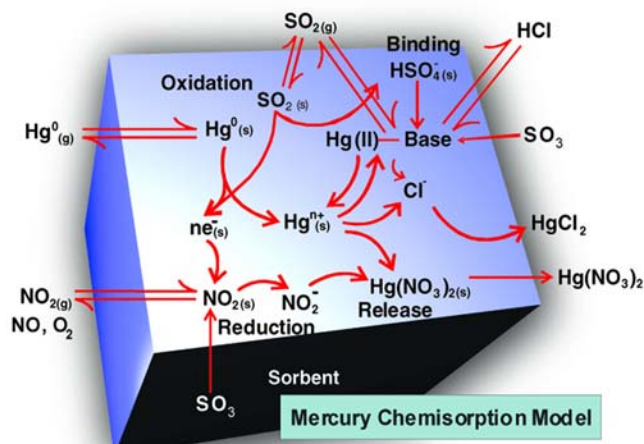
PRODUCT DESCRIPTION

ME₂C®'s SEA® Sorbent Technology provides Total Mercury Control yielding solutions that are based on a thorough scientific understanding of actual and probable interactions in mercury capture processes from coal-fired flue gas.

A complete understanding of the complexity of mercury sorbent flue gas interactions and chemisorption mechanisms allows for optimal control strategy and product formulation resulting in the most effective mercury capture achievable.

Combined with a thorough proprietary audit of the plant and its configuration and instrumentation, ME₂C's complete science and engineering approach for mercury sorbent flue gas interactions is well understood, highly predictive, and critical to delivering "Total Mercury Control".

The ME₂C Technology program is covered under several U.S. patents.



ME₂C SF and SB products work together for a cost-effective Hg control program.

BENEFITS

- Enhanced mercury control at low dosage rates.
- Minimal-to-no impact on balance of plant equipment.
- Improved (lower) opacity.
- Superior material handling characteristics.
- Gypsum and fly ash quality maintained.
- Application equipment is simple to operate, low cost and easily maintained.

PROPERTIES

- Easily handled and stored
- Strict QA/QC protocols ensure consistent products

APPLICATION

- Coal-fired plants with any type of emissions control configuration or fuel type.
- SF products can be added directly to the coal belt or injected directly into the furnace or flue gas at multiple locations.
- SB products are typically injected at air heater inlet or air heater outlet locations prior to particulate collection devices.

ME₂C PRODUCTS

Oxidizers:

SF10 – SEA Solid Oxidizer

SF20 – SEA Liquid Oxidizer

Sorbents:

SB24 – SEA Sorbent (Typical Applications)

SB31 – SEA Sorbent (Low-Mid SO₃)

SB33 – SEA Sorbent (High SO₃ and Opacity Challenges)

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