

TECHNICAL DATA

BANTOX[®] 125

PRODUCT NAME

Bantox[®] 125

PRODUCT DESCRIPTION:

Bantox[®] 125 is a patented, powdered, complex calcium silicate-based stabilizing agent for stabilizing chromium. Other heavy metals can be stabilized with different chemistries in the Blastox[®] & Bantox[®] line of products.

USE: Typically used for stabilizing chromium contaminated solid wastes in the process of generation, producing a non-hazardous waste suitable for disposal in a local subtitle D landfill. Material can be injected directly inline to a waste dust capturing system. Federal and state EPA recognize this process as non-treatment requiring no permits for operation. Material can also be added in an onsite treatment application.

CHEMICAL REACTIONS: Bantox[®] 125 produces heavy metal silicates (salts) through chemical conversion, rendering the waste non-hazardous according to TCLP criteria.

RESTRICTIONS: Material must be kept dry until preparations are made for injection or application. Equipment should be kept clean and routinely inspected to ensure there are no problems with equipment operation that may lead to an improper injection or add rate.

TYPICAL PROPERTIES*

SPECIFIC GRAVITY:	2.74
BULK DENSITY:	85 #/ft ³
SIEVE ANALYSIS:	40 - 300 (US Sieve)
SOLUBILITY:	Moderate
pH:	10 - 11 S.U.
MELTING POINT:	1540 C

*These data are a result of historical production performance.

EQUIPMENT REQUIREMENTS

Typically used with PLC controlled volumetric feeders and injected by positive or negative air pressure for in-process stabilization. Custom units can be designed by TDJ for specific user-defined requirements, or assistance can be provided for development and installation of the users own equipment.

TECHNICAL SERVICE

Bantox 125 is manufactured at TDJ's facilities in the Chicagoland area and sold through distributors. Product is available in bulk, super sacks and 70 lb multi-walled paper bags. Contact TDJ's corporate office for pricing and your local distributor."

BANTOX[®] 125 WARRANTY

All recommendations, statements and technical data contained herein are believed to be reliable and accurate, but are not to be construed as a warranty, expressed or implied. We accept no responsibility for results obtained by the application of this information. Unless otherwise specifically stated in a written supply contract, user assumes all responsibility and liability for loss or damage arising from the handling and use of this product.

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