



September 20th, 2021

## Chemical Dust Suppression

Series	Chemical	Location	Treated Material	Things to Know
100 Series (Foaming Series)	<b>BT-105F</b>	Crushers, Feeders, Conveyor Transfers	Lignite, PRB, Limestone, Ash, and most moisture sensitive materials	<ul style="list-style-type: none"> <li>• BT-105F is a low moisture addition foaming / surfactant dust control agent recommended as a foamable wetting agent for strongly hydrophobic materials.</li> <li>• This product is recommended for use where low-moisture addition is desired, wetting of the product is sought, and the dust to be controlled is strongly hydrophobic in nature. Typical application points include transfers, crushers, and screening operations to control airborne dust emissions at the transfer, along the conveyor run, and at the material processing location.</li> <li>• Compressed air is required as mixed water with chemical generates foam.</li> </ul>
200 Series (Wetter Series)	<b>BT-205W</b>	RCD, Bottom Dump, Open Hopper, Short Term (1 Transfer)	PRB, Lignite, Gravel, Wood Chips, Scrap Metal Recycling, Taconite, Biomass, Petroleum and Metallurgical Coke, Iron Ore, Sinter, Clinker	<ul style="list-style-type: none"> <li>• A concentrated surfactant blend used as a wetting agent to reduce dust levels occurring above and below ground in the mining, transportation, and processing of materials. A single dose is effective through multiple transfer points in material handling systems.</li> <li>• A cost competitive dust treatment chemical that controls airborne dust generated during the conveying process. Excellent for use in treating strongly hydrophobic materials and at material unloading locations where rapid wetting is required.</li> </ul>
	<b>BT-210W</b>	RCD, Bottom Dump, Open Hopper, Mid Term (6 Transfers)	PRB, Lignite, Gravel, Wood Chips, Scrap Metal Recycling, Taconite, Biomass, Petroleum and Metallurgical Coke, Iron Ore, Sinter, Clinker	<ul style="list-style-type: none"> <li>• A non-foaming surfactant blend used as a wetting agent to reduce dust levels in the mining, transportation and processing of materials. A single dose is effective through multiple transfer points in material handling systems.</li> <li>• A cost competitive dust treatment chemical that controls airborne dust generated during the conveyor process.</li> </ul>
400/600 Series (Residual Series)	<b>BT-425</b>	Long Term (to Pile)	PRB, Lignite, Gravel, Wood Chips, Scrap Metal Recycling, Taconite, Biomass, Petroleum and Metallurgical Coke, Iron Ore	<ul style="list-style-type: none"> <li>• BT-425 provides excellent, long term dust control for storage piles. A single dose is effective through multiple transfer points in material handling systems.</li> <li>• A cost effective dust treatment chemical that controls airborne dust generated during the conveying process, and minimizes fugitive dust problems associated with material stackout, stock piles, and material moving equipment.</li> </ul>
	<b>BT-668</b>	Long Term (to Pile)	PRB, Lignite, Gravel, Wood Chips, Scrap Metal Recycling, Taconite, Biomass, Petroleum and Metallurgical Coke, Iron Ore	<ul style="list-style-type: none"> <li>• BT-668 provides excellent long term dust control for storage piles. A single dose is effective through multiple transfer points in material handling systems.</li> <li>• A cost effective dust treatment product that controls airborne dust generated during the conveying process, and minimizes fugitive dust problems associated with stackout, stock piles, and material moving equipment.</li> </ul>
Pile Sealer	<b>BT-PSC</b>	Stockpile	Any material stored in piles for a length of time. Coal, Coke, Limestone, Biomass, Ash, Construction Sites	<ul style="list-style-type: none"> <li>• A pile sealer formulation that contains a proprietary blend of specialty chemicals. BT-PSC provides excellent pile sealing, haul road shoulder, dust control characteristics.</li> <li>• Controls windblown dust generated from piles and haul roads.</li> </ul>
Pile and Haul Sealer	<b>Dust Tarbt</b>	Stockpile, Haul Sealer	Storage stock piles, haul road dust, construction sites	<ul style="list-style-type: none"> <li>• An cost effective dust treatment to control fugitive dust and erosion problems from stock piles, haul roads, and ash waste piles.</li> </ul>