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Blastox® Technical Data Sheet

Product Name: Blastox® is a patented lead abatement blast additive.

Product Description: Blastox® is a granular, complex calcium silicate-based blasting abrasive additive.

Use: Typically used at a 15 percent weight ratio for stabilizing lead in lead-based paint blast removal operations, producing a non-hazardous waste suitable for disposal in a subtitle D landfill. Use is compatible with standard dry or wet blast equipment.

Chemical Reactions: Blastox® produces lead silicates through chemical conversion of the lead in the paint. It is intended solely as a lead stabilizing additive, reducing leachable lead in untreated spent abrasive wastes from up to 100 mg/l to less than 5.0 mg/l (RCRA limit for lead) according to TCLP.

Restrictions: Material must be kept dry until preparations are made for field application. Wet or otherwise contaminated Blastox® does not carry a performance guarantee. For dry blasting operations, moisture separators are required and air dryers are recommended. Blastox® is designed with cementitious properties and may solidify in equipment, on substrates and around general work areas upon extended exposure to moisture. Care should be taken to avoid these situations or additional cleaning measures may be required.

Application Techniques: For dry blasting lead painted steel, six (6) to eight (8) pounds of a 15 percent weight ratio blended abrasive must be used per square foot of paint removed for adequate stabilization. For blasting lead painted wood substrates or for blast operation using less than six (6) pounds per square foot of paint removed, contact TDJ Group's Technical Service department for specific recommendations.

Typical Properties	
Specific Gravity	3.15 - 3.22
Bulk Density	85-90#/ft ³
Hardness	(Mohs) > 6.0
Solubility	(Slight) 0.1% - 1.0%

Screen Analysis	
Sieve Size	% Retained
16	28
20	24
30	20
40	16
50	10
>50	2

THESE DATA ARE A RESULT OF HISTORICAL PRODUCTION PERFORMANCE. TDJ DOES NOT IMPLY THAT FUTURE PRODUCTION WILL EXACTLY DEMONSTRATE THESE TYPICAL PROPERTIES.

Availability: Sold pre-blended with abrasives throughout the United States by licensed blenders and distributors. Contact TDJ's corporate office or your regional manager for a list of local suppliers or go to our on-line supplier list.

Technical Service: Complete technical bulletins and information are available from the TDJ Group's corporate office. Technical assistance for specific applications is also available. You may call our office or submit an information request now via e-mail and we will route the information to you promptly.

Blastox[®] Warranty:

The following warranty is contingent upon the registration of each project with The TDJ Group, Inc. prior to the start of the project and prior to purchasing Blastox[®]. Registration can only be accomplished by completing a Blastox[®] Project of Registration Form and providing it to The TDJ Group, Inc.

The TDJ Group, Inc. warrants that if Blastox[®] blended abrasives are blended, used, sampled and tested in compliance with the Blastox[®] Technical Data sheet and Technical Bulletins, and spent abrasive materials tests hazardous for lead, TDJ will refund the cost of the Blastox[®] additive. For other heavy metals which may present in coating systems or unique applications, please contact TDJ's Technical Service.

THERE ARE NO WARRANTIES WHICH EXTEND BEYOND THE FACE OF THIS WRITTEN WARRANTY. THIS WARRANTY IS EXPRESSLY IN LIEU OF ALL OTHER WARRANTIES, EXPRESS OR IMPLIED. ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE IS HEREBY EXCLUDED. IN NO EVENT SHALL THE

TDJ GROUP, INC., NOR THE LICENSED BLENDER, BE LIABLE FOR ANY INCIDENTAL OR CONSEQUENTIAL DAMAGES WHATSOEVER.