WHAT IS BLASTOX®?

Blastox® is a blasting additive that is blended with most abrasives to render lead waste non-hazardous under the TCLP test. It is abrasive in nature with a Mohs hardness greater than 6.0, and has a similar bulk density to sands or slags. Blastox® is a complex calcium silicate technology, and contains no detectable levels of crystalline silica nor metallic iron or steel. Contractors report no loss in efficiency when Blastox® is used, and they report similar profiles with or without Blastox®. Standard abrasive blast equipment is used and it is good practice to have an air dryer or moisture separator on the blast pots.

AT WHAT RATIO IS BLASTOX® ADDED?

For dry blasting with a mineral abrasive(typically slag or sand) Blastox® is blended at a 15% weight ratio. This engineered ratio is based on an average application rate of 6-8 pounds of blast media per square foot of surface area. If using non-mineral abrasives, slurry blast techniques or if your mineral abrasive application rate is less than 6 pounds per square foot, please contact TDJ Technical Services for a blending ratio.

ARE PERMITS REQUIRED TO USE BLASTOX®?

All of the states and the US EPA have indicated that as long as Blastox® is blended **prior to blasting**, the process is not considered treatment. Therefore, no waste treatment permits are required. However, if a waste is first characterized as hazardous, a permit may then be required from the state or US EPA to use Blastox®.

IS BLASTOX® EFFECTIVE ON OTHER HEAVY METALS?

Blastox® is engineered to stabilize the lead in paint removal blasting. In addition, the 15% ratio may reduce the leachability of other metals found in paint systems to below hazardous levels. High levels of chromium may also require additional stabilization and surface preparation. If chromium or other heavy metals are present on a structure, please contact TDJ Technical Services.