

BLASTOX®

TECHNICAL BULLETIN

TB-003/Rev 6-98

BLASTOX® STORAGE AND APPLICATION

A. Storage Requirements

Blastox® blended abrasives should be protected from moisture and other contaminants. Store bagged material on stretch-wrapped pallets covered with a water proof tarp at all times. Unprotected Blastox® blended abrasives may become wet and harden, preventing ease of handling and decreasing stabilization effectiveness. Blastox® will not be warranted if the blended abrasives, in bag or bulk, are contaminated with moisture or other foreign materials.

B. Application Procedures

When using Blastox® blended abrasives, the following procedures and safety precautions should be observed.

1. When lead abating steel and concrete with a dry blast process, Blastox® is usually blended at a 15% ratio by weight, and used at a minimum application rate of 6-8 #/sq. ft. of paint removed. If the application rate for blended abrasives is below 6 #/sq. ft., or if the percentage lead in the paint is greater than 40%, a 15% Blastox® blend may not be sufficient to stabilize each square foot of lead paint. When a lower application rate is expected, or when the lead present is greater than 40%, please contact TDJ's Technical Service for specific recommendations.
2. Blastox® is to be blended at a 20% ratio by weight for all steel and concrete paint removal projects utilizing the Torbo wet abrasive blast system unless prior approval has been received from TDJ.
3. When dry blasting, or using dry abrasives with a water ring or nozzle injection of water, a moisture separator is required and an air dryer is recommend to keep the abrasive blend dry in the pot.
4. All blast equipment exposed to Blastox® blended abrasives should be cleaned on a routine basis. Uncleaned equipment components may experience clogging due to the potential hardening of wetted Blastox® blended abrasives. This is especially important when using wet blast systems.



The TDJ Group, Inc.

760-A Industrial Drive
Cary IL 60013
web www.blastox.com

847-639-1113 Phone
847-639-0499 Fax
e mail tdj@blastox.com

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5. When lead abating wood with a dry blast process, attention should be given to the application rate. Wood blasting is a sensitive procedure requiring particular expertise to prevent destruction of the substrate being blasted. Proper wood blasting normally requires far less abrasive per square foot (< 6#/ sq. ft.) than blasting on other substrates, and requires more Blastox[®] in the blend for effective reduction of lead leachability. **Contact TDJ's Technical Service for recommendations before ordering Blastox[®] blended abrasives for use on wood. Blastox[®] licensed blenders must receive permission from TDJ before blending for wood de-leading projects.**

6. For safety information, consult MSDS for both Blastox[®] and the abrasive being used.

7. When loading Blastox[®] blended abrasives into blast pots, observe information on MSDS for both Blastox[®] and the abrasive being used.

8. A 1/8" pot screen should be used at all times to keep any foreign material from entering the blast pot.

9. Blastox[®] is designed to disintegrate into small particles when it hits the surface being sandblasted. This occurs to provide maximum coverage of the chemistry. It is normal for some additional dusting to occur, although the effect can be minimized with the use of low dusting abrasives or dust suppressants applied to the blended product.

10. If minimal containment or open blasting (without containment) is to be used, caution should be observed in medium and high wind conditions. Blastox[®] may be lighter than the abrasive and paint chips. It may, under these conditions, separate from the abrasive, potentially reducing stabilization efficiency.

NOTE: The above point does not indicate that The TDJ Group, Inc. endorses the use of open blasting for lead abatement with or without Blastox[®].

The opinions expressed herein are those of the TDJ Group. TDJ believes that this information is current and accurate for the normal and intended use of this product as of the date of this document. Because the use of the product is not under the control of the TDJ Group, Inc., it is the user's obligation to characterize its waste, observe the conditions of safe use before, during and after blasting (including compliance to all OSHA and EPA regulations) and dispose of the product in a compliant manner.

