



"We obsess about shot so you don't have to!"

WHITE PAPER REPORT BLASTING MEDIA WITH MINIMIZED DUST

Dust in a blasting process has always been "a necessary evil." Or so it seems. Simply put, it's caused by the rapid deterioration of the blasting media. As the traditional media quickly ages, it simply breaks down into a very fine dust. This dust becomes a hindrance when an operator is trying to visually determine how the finishing or cleaning process is progressing when blasting in a cabinet. If the operator can't see clearly, quality will suffer...causing rejected or even completely ruined parts.

Blasting dust is also a constant housekeeping challenge since it can pile up all around blasting equipment. Any way one evaluates blasting process dust...it is a serious issue to be addressed.

A forward-thinking business in Columbus, Ohio, USA, has developed the solution to the dust issue. Founded in 1970, the Transmet Corporation manufactures a Cast Zinc Blasting Shot (called ZA4) alternative that is revolutionizing the blasting industry.

This special alloy is first heated and then quickly cooled to form small teardrop-shaped blasting beads which are just as effective in air blasting applications as in wheel blasters.

Aluminum Oxide	}	Durability: ~ 1-10 Impacts before breakdown (dust) Bulk Density: ~ 50-100 lbs/ft ³
Black Beauty (slag)		
Garnet		
Glass Beads		
Sand (Silica Beads)		
Star Blast		
ZA4 Cast Zinc Shot	—————	Durability: ~ 14,000-15,000 Impacts before breakdown Bulk Density: ~ 240 lbs/ft ³

The remarkable differences in durability (**ZA4 Cast Zinc Shot lasts 1000 times longer – This means it generates 99.9% less dust**) and much higher bulk density (more effective blasting energy)...**without damaging the substrate** (because zinc is a soft and ductile metal) while **providing a consistently bright metallic finish** make this a considerably more desirable alternative to friable blasting media. The ZA4 Cast Zinc Shot does cost more per pound than the comparable media. But because the ZA4 lasts so much longer, **users save considerable money on media, time taken to reload media, time taken to reorder media and freight.**

*If you **would like to see the dust in your blasting process go away and save a nice chunk of change to boot...**and would like to see for yourself how a few of **your** pieces look after being blasted with ZA4 Cast Zinc Shot, we'll be glad to do a **free trial blast for you.** Just print, fill in and return the Free Trial Blasting Offer page below (scroll down) with your parts.*



Transmet FREE Trial Blasting Offer

To see how Transmet Special Blasting Media will work on your pieces, here's all you need to do:

1. Get 4-6 raw, **unfinished** parts (for us to work on) and 1 **finished (blasted)** part that meets your requirements (so we can see exactly what you're looking for.)
2. Print a copy of this form and fill in the blanks.
3. Enclose the completed form along with your parts **and your business card stapled as requested...**and send to:

Transmet Corp
Attn: R. Kaynes
4290 Perimeter Dr.
Columbus, OH 43218

I'll let you know I've received your parts and when to expect them back. And once you receive them back, you can judge for yourself as to how Transmet Special Blasting Media met your requirements. Then you'll be ready to start eliminating the headaches from your blasting process (and start saving bottom-line dollars, too).

TRANSMET FREE TRIAL BLASTING FORM

Part Names/Numbers _____

Part Material []Zinc []Aluminum []Other _____

Current Blasting Media _____ Current Blasting Time _____ Minutes

Blasting Machine Size _____ cu ft Blasting Machine Horsepower _____

Blasting Machine Type:

Centrifugal Wheel

[]Spinner []Hanger []Tumbler []Pass Through # of Wheels _____

Air Blast

[]Suction Blast []Pressure Blast Air Pressure _____psi

Notes: The following is IMPORTANT to us regarding these pieces: _____

Staple your business card here