



LEASE & RECYCLE PROGRAM OVERVIEW

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US Technology Media – Blast Media Recycling Program

The US Technology Media (USTM) recycling program is true recycling as defined and intended by RCRA and 40 CFR 261.1 and 261.2. Currently, there are over two hundred (200) facilities, both DOD and civilian, in the (USTM) recycling program. The group of participants is made up of companies and government facilities such as Hill AFB, NADEP North Island, Honeywell and Solar Turbines. Many of the participants are in their twentythird (23rd) year of contract extensions; contract lengths are as short as one year with options and as long as five years. Contracts being written currently are multiple years with options. Many of the participants have visited our facilities and we strongly encourage a visit from the customer before they sign into the program. The UST Media recycling process is approved for the recycling of all types of plastic abrasive, as well as glass bead, aluminum oxide, garnet, and other hard abrasives.

The recycling program is a service that provides new abrasive to the end user and the return from the end user to USTM of spent material generated after use. The price quoted for the above service usually includes all freight costs to and from the end user. The price for the service is based on type, grade, and size of media; the minimum amount of new media, which will be required for shipment at any one time, the amount of spent material to be returned at any one time; the length of the contract (years); the location of the customer and any other special requirements of the customer.

The program offered is for recycling and once the end user enters the program, they are no longer a generator of waste, and are out of the disposal business.



The service can be provided under a lease and recycle contract or under a buy and recycle contract; there is no difference in price. In either case, maximum protection is received by the customer due to the following:

1. USTM provides the media and receives the spent material. The finished recycled product is manufactured to the highest industry standards.
2. Oversight is performed by US Technology Media who keeps complete and accurate records.
3. UST founded the plastic media blasting industry in 1978 and has remained the industry leader since that time. UST introduced the recycling program in 1992 and is the sole offerer of a recycling program.

When determining whether to participate in the recycling program, you should consider that if you are currently disposing of hazardous waste generated by blasting, whatever the cost may be, you remain a generator of hazardous waste. You are subject to the risks, including the logistics problems of storage, generating required paper work, the risks attendant to the performance of the contractor doing the disposing, and a potential participation in CERCLA Superfund. If you decide to become a participant in the USTM recycling program, you are not a generator of waste. As a participant you are a producer of spent material that is to be productively and beneficially used and, as such, you are exempt from the risks of being a generator.

If, after studying the above information, you are interested in further discussion of the USTM recycling program and how it can benefit you; please feel free to contact us.



Recycling Process and Documentation

Customer contacts USTM personnel requesting arrangements for a pick-up of spent blast media (SBM). The customer will state the number and type of containers and type of material ready for pick-up.

USTM personnel will contact a carrier to schedule the pick-up. USTM will provide the customer with all of the necessary documentation for the recycle return, including:

Facsimile Cover Page which summarizes the return and identifies the materials to be transported, Spent Abrasive MSDS, and Straight Bill-of-Lading.



Facsimile

PLEASE CONFIRM THAT ALL INFORMATION IS CORRECT

Date: 9/4/15 Ensure that all drums are labeled properly and banded on pallets for pickup
To: John Smith
From: Brie Williams Facsimile Number: 555-555-5556
Subject: Spent Blast Media Recycle Return
Pages: 4 (including cover page)

Pick-up Point: XYZ CORP 555 2nd St 0 Anywhere	AA 55555	Pick-up Date: 9/4/2015
Contact: John Smith Phone: 555-555-5555 Facsimile: 555-555-5556	Cell or Alt #: 0	Carrier:
Customer Code: XYZ 0 001		
Units 16 0	Unit Measure Drums 0	Pallets 4 0
	Estimated Gross Weight 6,400	Material Type Spent Blast Media

6,400

All Shipments must be accompanied by a copy of the attached Bill-of-Lading.

A completed US Technology Corporation Excluded Recyclable Material label must be affixed to each container being return and include the name of the generator.

Ship To: US Technology Media
509 Water St
Bolivar OH. 44612
330-874-3094

Ph: 330-455-1181, Ext. 17
Email: brie@ustechnology.com

This facsimile is intended only for the use of the individual or entity to which it is addressed and contains information that is privileged, confidential and exempt from disclosure. If the reader of this facsimile is not the intended recipient or an employee or agent responsible for delivering the facsimile to the intended recipient, you are hereby notified that any review, disclosure, dissemination, distribution or copying of the communication is strictly prohibited. If you have received this communication in error, please notify the sender immediately at the telephone number listed above and return the original facsimile to us by mail. The cost of which will be reimbursed. Thank you.

SECTION I

PRODUCT NAME OR NUMBER (as it appears on label): - Plastic Powder and/or Glass Bead Powder and/or Aluminum Oxide Powder containing pigments	EMERGENCY TELEPHONE NO. (330) 455-1181
MANUFACTURER'S NAME U. S. Technology Corporation	DATE PREPARED/REVISED – NO. August 09, 2012-4
ADDRESS (Number, Street, City, and Zip Code) 4200 Munson Street N.W., Canton, OH 44718	
MATERIAL DESCRIPTION, PROPER SHIPPING NAME Plastic Dust	
HAZARD CLASSES (as applicable)	
CHEMICAL FAMILY: Various	FORMULA: N.A.

SECTION II – INGREDIENTS (list all ingredients)

CAS REGISTRY NO.	Approx. %W	CHEMICAL NAME(S)	OSHA PEL	ACGIH TLV	Other Limits Recommended
		Acrylic Polymer - Cast	None	None	
		Urea Formaldehyde - Molded	None	None	
		Melamine Formaldehyde -Molded	None	None	
		Polyester - Cast	None	None	
		Glass – Soda Lime	None	None	
OTHER POTENTIAL 1344-28-1		Aluminum Oxide	10.0 mg/m ³		

SECTION III – PHYSICAL DATA

BOILING POINT ____°F ____°C	N.A.	SPECIFIC GRAVITY (H ₂ O=1)	1.0-3.0		
MELTING POINT ____°F ____°C	100° C	PERCENT VOLATILE BY VOLUME (%)	N.A.	PERCENT SOLID BY WEIGHT (%)	100
VAPOR DENSITY (AIR=1)	N.A.	EVAPORATION RATE (=1)	N.A.		
SOLUBILITY IN WATER:	Not pH=		N.A.		
APPEARANCE AND ODOR: None				MATERIAL FORM:	

SECTION IV – FIRE AND EXPLOSION HAZARD DATA

FLASH POINT ____°F ____°C: 390°C	FLAMMABLE: N.A.	LEL	UEL
EXTINGUISHING MEDIA: Foam, CO ₂ , Dry chemical		N.A.	N.A.
SPECIAL FIRE FIGHTING PROCEDURES: None			
UNUSUAL FIRE AND EXPLOSION HAZARDS: None			

Office (330) 455-1181 509 Water St. Bolivar OH 44612
Fax: (330) 455-1191 www.ustechnology.com

SECTION V – HEALTH HAZARD DATA

EFFECTS OF OVEREXPOSURE - Conditions to avoid: Mechanical injury to eyes and/or skin can occur. Excessive dust inhalation may be harmful	THRESHOLD LIMIT VALUE PERMISSIBLE EXPOSURE LIMIT <input type="text"/>
PRIMARY ROUTES OF ENTRY: <input checked="" type="checkbox"/> Inhalation <input checked="" type="checkbox"/> Skin Contact <input type="checkbox"/> Other (specify)	
EMERGENCY AND FIRST AID PROCEDURES: Abrasive dust – cross exposure can irritate respiratory tract. Move to fresh air. If irritation persists a physician should be consulted. Prolonged exposure to could lead to increased incidence of disease.	
CARCINOGENICITY: NTP? Pb, Cr, Cd IARC Monographs? Pb, Cr, Cd OSHA Regulated? Yes	

SECTION VI – REACTIVITY DATA

STABILITY	UNSTABLE	CONDITIONS TO AVOID: None known
	STABLE	x
INCOMPATIBILITY (materials to avoid): None		
HAZARDOUS DECOMPOSITION or BYPRODUCTS: Noxious gas and odors including, methyl methacrylate, formaldehyde, carbon monoxide, hydrogen cyanide		
HAZARDOUS POLYMERIZATION	MAY OCCUR MAY NOT OCCUR	CONDITIONS TO AVOID: Temperature above 370°C
		509 Water St. Bolivar OH 44612 Office (330) 455-1181 Fax: (330) 455-1191

SECTION VII – SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: Careful clean-up and return to packaging for containment. Vacuum if possible. Avoid compressed air.
WASTE DISPOSAL METHOD: Sanitary landfill in accordance with Federal, State, and Local regulations.
CERCLA (Superfund) REPORTABLE QUANTITY (in lbs.): N.A.
RCRA HAZARDOUS WASTE NO. (40 CFR 261.33): N.A.
VOLATILE ORGANIC COMPOUND (VOC) (as packaged, minus water): N.A.
<input type="checkbox"/> Theoretical lbs./gal. <input type="checkbox"/> Analytical lbs./gal.

SECTION VIII – SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION (Specify Type): Provide adequate ventilation. NIOSH/MSHA approved respiratory protection as required.		
VENTILATION	LOCAL EXHAUST (Specify Rate): Controlled w/hepa filter	SPECIAL:
	MECHANICAL (General – Specify Rate):	OTHER:
PROTECTIVE GLOVES (Specify Type): Normal	EYE PROTECTION (Specify Type): Safety goggles	
OTHER PROTECTION EQUIPMENT: OSHA/NIOSH cartridge filter		

SECTION IX – SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING: Contain in drums, vacuum is preferable in the event of a spill.
OTHER PRECAUTIONS:

Prepared by:
Name (print): Dan Kinsinger
Title: Quality Assurance Manager
Date Reviewed: August 09, 2012-4

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STRAIGHT BILL OF LADING

Shippers Copy

Designate with an X

By Truck ☒ Freight ☐

RECEIVED, subject to the classifications and lawfully filed tariffs in effect on the date of this Bill of Lading.

The property described below, in apparent good order, except as noted (contents and condition of contents of packages unknown), marked, consigned and destined as indicated below, which said carrier (the word carrier being understood throughout this contract as meaning any person or corporation in possession of the property under the contract) agrees to carry to its usual place of delivery at said destination, if on its route, otherwise to deliver to another carrier on the route to said destination. It is mutually agreed, as to each carrier of all or any of said property over all or any portion of said route to destination, and as to each party at any time entered in all or any of said property, that any service to be performed hereunder shall be subject to all the terms and conditions of the Uniform Domestic Straight Bill of Lading set forth (1) in Uniform Freight Classification in effect on the date hereof, if this is a rail or rail-water shipment, (2) in the applicable motor carrier classification or tariff if this is a motor carrier shipment.

Shipper hereby certifies that he is familiar with all the terms and conditions of the said bill of lading, set forth in the classification or tariff which governs the transportation of this shipment, and the said terms and conditions are hereby agreed to by the shipper and accepted for himself and his assigns.

From: **XYZ CORP**
555 2nd St
Anywhere AA 55555

Date: **09/04/15**

Shipper No.
XYZ - 0 001

CARRIER
By **XYZ Carrier**

Carrier's No.

Consignee and Destination
US Tech Media UT
Building E-16, Freeport Center
Clearfield, UT, 84016
Mark Padilla 801-513-4121 hrs 8-3

Route
Delivering Carrier

Car or Vehicle
Initials & No.

No. Packages	+ HM	Description of Articles, Special Marks and Exceptions	ERG #	Weight* (subject to corr.)	Class or Rate	X
16		Spent Blast Media		6,400	55	
		Quote#				
		NMFC# 1020				
	4	Pallet		6,400		
Placards Supplied ___ Yes ___ No		Driver's Signature	Emergency Response Phone No.			

SHIPPER CERTIFICATION: (See us to verify that the above-stated contents are properly described, described, packaged, marked and labeled, and are in proper condition for transportation according to the applicable regulations of the Department of Transportation.)

Signature Title

Charges Advanced \$

* If the shipment moves between two ports by a carrier by water, the law requires that the bill of lading shall state whether it is "carriers" or "shipper's weight".

* Shipper's imprints in lieu of stamp; not a part of Bill of Lading approved by the Interstate Commerce Commission.

Note - Where the rate is dependent on value, shippers are required to state specifically in writing the agreed or declared value of the property.

The agreed or declared value of the property is hereby specifically stated by the shipper to be not exceeding \$

This shipment is correctly described to The specifications set forth in The box makers certificate thereon, and all other requirements of lbs. The Consolidated Freight Classification.

Per: Shipper:

Third party bill to:
US Technology Corporation
509 Water St. Bolivar OH 44612

Shipper, per

Agent, Per

This document is to be retained for shippers records.



US Technology Media will provide the customer with the required labels, indicating that the SBM is an Excluded Recyclable Material, as well as the appropriate Material Safety Data Sheet (MSDS) to accompany the shipment to US Technology Media. A completed Excludable Recyclable Material label, identifying Producer Name and Address must be affixed to each container prior to pick-up.

EXCLUDED RECYCLABLE MATERIAL	
FEDERAL LAW PROHIBITS IMPROPER DISPOSAL	
Contents: Plastic, Glass, Aluminum Oxide and/or Other Abrasive and Powder Containing Pulverized Paint for Recycling	
Phone: 330-455-1181	
SHIP TO:	<input type="checkbox"/> US Technology Media, Inc. 509 Water St. Bolivar, OH 44612
	<input type="checkbox"/> US Technology Media, Inc. 380 Allied Industrial Blvd. Macon, Georgia 31206
US Technology Media, Inc. Building E-16, Freeport Ctr Clearfield, UT 84016	
Producer Name: _____ Producer Address: _____	
Package Net Weight: _____	
Please indicate what material is being returned:	
<input type="checkbox"/> PP Urea (Type II) <input type="checkbox"/> Type III <input type="checkbox"/> Magic <input type="checkbox"/> Acrylic (Type V)	
<input type="checkbox"/> Quickstrip <input type="checkbox"/> Aloxx <input type="checkbox"/> Glass Bead <input type="checkbox"/> Garnet <input type="checkbox"/> Steel Grit/Shot	
WARNING - HAZARD: This material is a dry plastic, glass, aluminum oxide, garnet and/or other powder which may contain heavy metals in the form of pigments, including cadmium, chromium, lead, silver, and zinc, exceeding EPA or OSHA toxicity levels. See MSDS for details. Material could potentially pose a hazard to downstream users as defined under OSHA labeling requirements; material is not hazardous as defined by D.O.T. for transport.	
SPILL INSTRUCTIONS: Vacuum cleaning is preferable to minimize dusting. Do not breathe dust. Dust may contain trace quantities of heavy metal paint pigment. Wear a properly fitted cartridge type respirator approved by NIOSHA/MSHA when handling the product.	
ACCUMULATION START DATE: _____	
PRODUCER EPA ID#: _____	





Receiver Location: _____ Date: _____
 Received From: XYZ CORP **Anywhere AA**
 Received By: _____ Customer #: XYZ 0 001
 Material: 0

[illegible]


A Receiver form is completed listing the Customer Name, Customer Location, Customer Code, Receiving Personnel, Number of Containers, Type of Container, Number of Pallets, Type of Material, Material Weights and Quantities. The containers are then put into holding areas and all documentation is forward to the main USTM office.

SBM is then augured from the containers through a vibratory screen separator. The separator screens out trash and other unwanted debris.



Prior to incorporating the material into the recycling production process the spent material is cycled through a blending operation to insure a consistent particulate mixture. As the containers are being emptied, the customer information is transferred to a Silo Entry Sheet. This sheet contains customer name, assigned code and net weight. As the material is discharged from the blending operation information is transferred to a Silo Exit Sheet. This sheet contains the customer name, assigned code and net weight.





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 Phone: 330-455-1181 Fax: 330-455-1191



MEDIA BLEND LOG

[illegible]



The SBM is then transferred to bulk containers, labeled and transferred to the recycling facility for incorporation into the production process.

SBM is added to the mixer with the other components of the batch mix. All ingredients utilized in the production process are documented on the Production Report. The mixture is discharged onto a conveyor and transferred to the block machine.





The mixture is fed into the block mold, vibrated to assure there are not any voids in the formed block and compacted to the final block shape.

The raw block is transferred to kilns for curing. The block remains in the kilns for a 24-hour curing period after which time they are transferred to the block splitter.





Cured block is processed through the block splitter. Block is inspected for specification conformity prior to being palletized and transferred the inventory storage area.

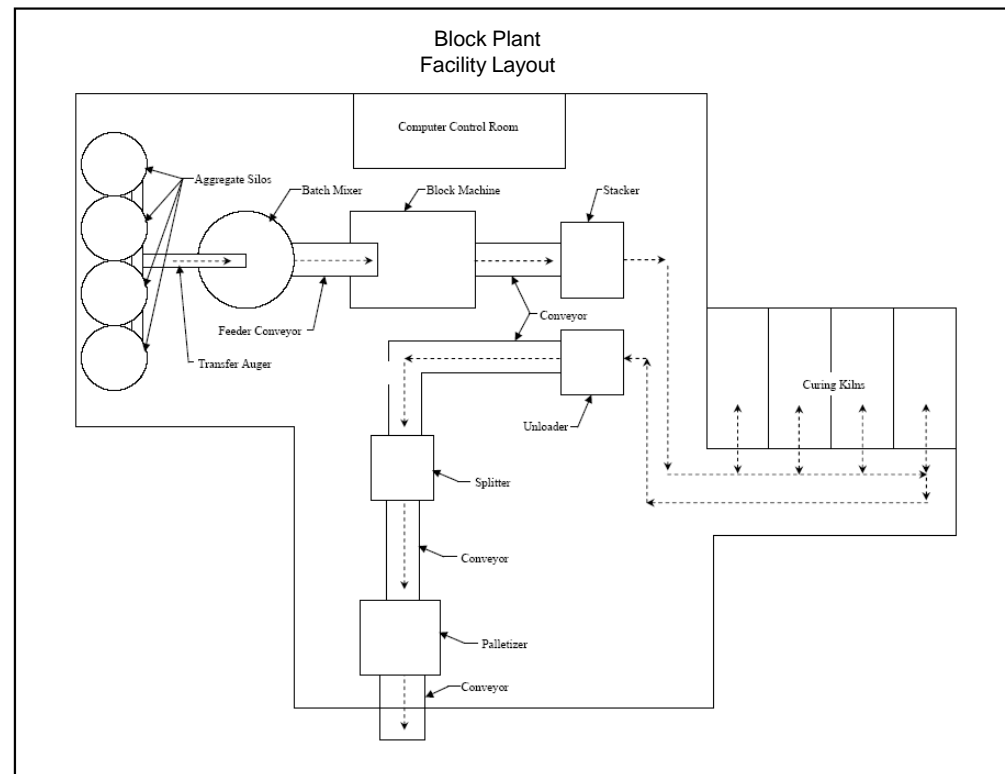
The palletized block cubes are placed into inventory awaiting shipment to the final customer.



Typical Recycling Facility

Our Corporate Headquarters
509 Water St
Bolivar OH 44612

Facility Layout (Typical)





Supply & Recycling Capabilities

Supply Capability

US Technology Media maintains an on-hand inventory of approximately 2 million pounds of abrasive. USTM supplies to the government and industry roughly 1 million pounds per month.

Recycling Capability

PolyfillLicensees have the necessary equipment and facilities to recycle in excess of a million pounds of SBM per month including:

Equipment – Block Making Plants – Each Licensee has in place one or two block making machines, blenders, silos, kilns and material handling equipment



Subcontractors

All recyclable SBM contracted by US Technology Media will be received, inspected and accounted for at USTM owned facilities.

Recycling Performance in the United States

All USTM receiving facilities, including its corporate headquarters and all recycling production facilities are located in the United States.

Corporate Headquarters

509 Water St. Bolivar OH 44612

List of Receiving Packaging Accounting Facilities

509 Water St, Bolivar, OH 44612

380 Allied Industrial Blvd, Macon, GA 31206

Building E-16, Freeport Center, Clearfield, UT 84016



All SBM transportation, accounting, blending and delivery to production facilities is managed by USTM. Upon receipt of the SBM at a USTM facility, receiving records, blending warehousing and accounting is conducted by USTM personnel.

Licensees

USTM markets and provides Polyfill Material to Licensees who manufacture block at their manufacturing plants.

Recycling Product Projects





Quality Management System

US Technology Media has developed and implemented a quality management system, demonstrating its ability to provide consistently superior product that meets customer and applicable regulatory requirements and to address customer satisfaction through the effective application of the system, including continual improvement and the prevention of nonconformity.

The US Technology Media quality management system complies with the International Standard ISO 9001 :2008 and U S Government Standard MIL-P-85891A.

Quality Policy Statement

US TECHNOLOGY MEDIA is committed to maintaining its leadership role in the abrasive industry by:

- **Providing our customers with the highest quality non-toxic abrasive, based on their requirements and specifications**
- **Providing the technical assistance needed for applications of the product**
- **Increasing customer satisfaction through continual improvement and expansion of the product line, the sales marketing effort, customer support and the quality management system.**



US Technology Media Inc. is an ISO 9001:2008 Certified company.





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www.ustmedia.com

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