



The Magic is the Media

An ISO 9001:2000 Company

### SECTION I

<b>PRODUCT NAME OR NUMBER (as it appears on label)</b> Polyextra® Plastic Blast Abrasive (Type I)		
<b>MANUFACTURER'S NAME</b> U.S. Technology Corporation		<b>EMERGENCY TELEPHONE NO.</b> (330) 455-1181
<b>ADDRESS (Number, Street, City, and Zip Code)</b> 1446 W. Tuscarawas Street, Canton, OH 44702		<b>DATE PREPARED/REVISED – NO.</b> January 5, 2004 - 2
<b>MATERIAL DESCRIPTION, PROPER SHIPPING NAME</b> Plastic Abrasive		
<b>HAZARD CLASSES (as applicable): - N.A.</b>		
<b>CHEMICAL FAMILY: - Amino Thermoset Resin</b>		<b>FORMULA: - N.A.</b>

### SECTION II – INGREDIENTS (list all ingredients)

CAS REGISTRY NO.	Approx. %W	CHEMICAL NAME(S)	OSHA PEL	ACGIH TLV	Other Limits Recommended
100-42-5	>1%	Unsaturated Polyester Resin Polymerized with Styrene Monomer (ethenyl benzene)			
2764-13-8	<1%	Anti-Static Agent – Cal Stat 600			
N.A.	<1%	Pigments and Additives			

### SECTION III – PHYSICAL DATA

<b>BOILING POINT</b> ___°F ___ C	N.A.	<b>SPECIFIC GRAVITY (H<sub>2</sub>O=1)</b>	1.15 1.25		
<b>MELTING POINT</b> ___°F ___ C	N.A.	<b>PERCENT VOLATILE BY VOLUME (%)</b>	N.A.	<b>PERCENT SOLID BY WEIGHT (%)</b>	100
<b>VAPOR DENSITY (AIR=1)</b>	N.A.	<b>EVAPORATION RATE (=1)</b>	N.A.		
<b>SOLUBILITY IN WATER</b>	Not	<b>pH=</b>	4-8		
<b>APPEARANCE AND ODOR: - Multi-colored granules with slight plastic odor</b>				<b>MATERIAL FORM: - Solid</b>	

### SECTION IV – FIRE AND EXPLOSION HAZARD DATA

<b>FLASH POINT</b> ___°F ___ C: - N.A.	<b>FLAMMABLE: - N.A.</b>	<b>LEL</b> Unknown	<b>UEL</b> Unknown
<b>EXTINGUISHING MEDIA: - Carbon dioxide, dry chemicals or water fog.</b>			
<b>SPECIAL FIRE FIGHTING PROCEDURES: - Do not use high-pressure water stream. Fog nozzles are preferable. Water may be used to cool closed containers.</b>			
<b>UNUSUAL FIRE AND EXPLOSION HAZARDS: - Maintain normal good housekeeping for control of dust. High dust concentration could form explosive mixture with air.</b>			

### SECTION V – HEALTH HAZARD DATA

<b>EFFECTS OF OVEREXPOSURE – Conditions to Avoid:</b> - Mechanical injury to eyes and/or skin can occur. Excessive dust inhalation may be harmful.	<b>THRESHOLD LIMIT VALUE PERMISSIBLE EXPOSURE LIMIT</b> <input style="width: 50px;" type="text"/>
<b>PRIMARY ROUTES OF ENTRY:</b> <input checked="" type="checkbox"/> Inhalation <input checked="" type="checkbox"/> Skin Contact <input type="checkbox"/> Other (specify)	
<b>EMERGENCY AND FIRST AID PROCEDURES:</b> - Inhalation: Remove to fresh air. Skin: wash affected area with soap and water. Eye: Flush immediately with large amounts of lukewarm water. Call physician if necessary	

### SECTION VI – REACTIVITY DATA

<b>STABILITY</b>	<b>UNSTABLE</b>		<b>CONDITIONS TO AVOID:</b> - Sources of ignition
	<b>STABLE</b>	x	
<b>INCOMPATIBILITY (materials to avoid):</b> - Strong oxidation agents			
<b>HAZARDOUS DECOMPOSITION or BYPRODUCTS:</b> - Smoke, Carbon dioxide, carbon monoxide			
<b>HAZARDOUS POLYMERIZATION</b>	<b>MAY OCCUR</b>		<b>CONDITIONS TO AVOID:</b>
	<b>MAY NOT OCCUR</b>	x	

### SECTION VII – SPILL OR LEAK PROCEDURES

<b>STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:</b> - Remove open flame, sparks, hot surfaces and oxidizing agents. Sweep up and place waste in disposal container.
<b>WASTE DISPOSAL METHOD:</b> - Sanitary landfill in accordance with Federal, State, and Local regulations.
<b>CERCLA (Superfund) REPORTABLE QUANTITY (in lbs.):</b> - N.A.
<b>RCRA HAZARDOUS WASTE NO. (40 CFR 261.33):</b> - N.A.
<b>VOLATILE ORGANIC COMPOUND (VOC) (as packaged, minus water):</b> - N.A.
<input type="checkbox"/> Theoretical _____ lbs./gal. <span style="margin-left: 100px;"><input type="checkbox"/> Analytical _____ lbs./gal</span>

### SECTION VIII – SPECIAL PROTECTION INFORMATION

<b>RESPIRATORY PROTECTION (Specify Type):</b> - Where required, use NIOSH/MSHA approved respiratory protection in compliance with OSHA regulations (i.e.1910.134 et. al.).		
<b>VENTILATION</b>	<b>LOCAL EXHAUST (Specify Rate):</b> - Where necessary to maintain exposure levels to OSHA permissible levels.	<b>SPECIAL:</b> - Explosion proof may be necessary if aerated or airveyed.
	<b>MECHANICAL (General – Specify Rate):</b> - Acceptable	<b>OTHER:</b>
<b>PROTECTIVE GLOVES (Specify Type):</b> - Normal	<b>EYE PROTECTION (Specify Type):</b> - Safety goggles	
<b>OTHER PROTECTION EQUIPMENT:</b> - Respirator hood, if necessary.		

### SECTION IX – SPECIAL PRECAUTIONS

<b>PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING:</b> - Store in closed, properly labeled containers in cool ventilated area. Keep away from heat, sparks, open flame and oxidizing agents. Do not transfer to unmarked containers.
<b>OTHER PRECAUTIONS:</b> - None

Prepared by:

<b>Name (print):</b> Dan Kinsinger
<b>Title:</b> Quality Assurance Manager
<b>Date Reviewed:</b> January 5, 2004