

**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> April 20, 2010-6
<b>MATERIAL DESCRIPTION, PROPER SHIPPING NAME</b> Plastic Blast Abrasive		
<b>HAZARD CLASSES (as applicable):</b> N.A.		
<b>CHEMICAL FAMILY:</b> Amino Thermoset Resin		<b>FORMULA:</b> N.A.

**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			
5280-80-8 13463-67-7 12769-96-9	<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:</b> Multi-colored granules with slight plastic odor				<b>MATERIAL FORM:</b> Solid	

**SECTION IV – FIRE AND EXPLOSION HAZARD DATA**

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

## 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>
<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> <b>Inhalation:</b> Remove to fresh air. <b>Skin:</b> Wash affected area with soap and water. <b>Eye:</b> Flush immediately with large amounts of lukewarm water. Call physician if necessary	

## SECTION VI – REACTIVITY DATA

<b>STABILITY</b>	UNSTABLE		CONDITIONS TO AVOID: Sources of ignition
	STABLE	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>	MAY OCCUR		CONDITIONS TO AVOID:
	MAY NOT OCCUR	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.	<input type="checkbox"/> Analytical _____ lbs. /gal

## 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:**

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<b>Date Reviewed:</b> April 20, 2010-6