

**SECTION I**

<b>PRODUCT NAME OR NUMBER (as it appears on label)</b> Steel Magic-A® Blast Abrasive		
<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 St. Canton, OH 44702		<b>DATE PREPARED/REVISED – NO.</b> April 20, 2010-5
<b>MATERIAL DESCRIPTION, PROPER SHIPPING NAME</b> Dense Particle Heavy Abrasive		
<b>HAZARD CLASSES (as applicable):</b> Not Regulated		
		<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
65997-17-3	>1%	Fused Soda-Lime Oxide	15 mg/m <sup>3</sup>	10 mg/m <sup>3</sup>	5 mg/m <sup>3</sup> Respirable Dust
67711-92-6	>1%	Fused Iron-Calcium Silicate	10 mg/m <sup>3</sup>	10 mg/m <sup>3</sup>	5 mg/m <sup>3</sup> Respirable Dust
1309-37-1	>1%	Fused Specular Hematite	10 mg/m <sup>3</sup>	5 mg/m <sup>3</sup>	
1344-28-1	>1%	Fused Aluminum Oxide	15 mg/m <sup>3</sup>	10 mg/m <sup>3</sup>	
9003-08-1 9004-34-6 9011-05-6	>1%	Polymerized Urea Formaldehyde Compound w/Alpha Cellulose Filler & Montmorillonite Clay			

**SECTION III – PHYSICAL DATA**

<b>BOILING POINT</b> ___°F ___C	N.A.	<b>BULK DENSITY - LBS./ CU. FT</b>	118.5		
<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>	N.A.	<b>PH=</b>	4-8		
<b>APPEARANCE AND ODOR:</b> Multi-colored granules				<b>MATERIAL FORM:</b> Solid	

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

<b>FLASH POINT</b> ___°F ___C: Non-Flammable	<b>FLAMMABLE:</b> N.A.	<b>LEL</b>	<b>UEL</b>
		N.A.	N.A.
<b>EXTINGUISHING MEDIA:</b> N.A.			
<b>SPECIAL FIRE FIGHTING PROCEDURES:</b> N.A.			
<b>UNUSUAL FIRE AND EXPLOSION HAZARDS:</b> N.A.			

## SECTION V – HEALTH HAZARD DATA

<b>EFFECTS OF OVEREXPOSURE – Conditions to Avoid:</b> Exposure to excessive airborne concentrations	<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 checked="" type="checkbox"/> Other (specify)	
<b>EMERGENCY AND FIRST AID PROCEDURES:</b> Remove from exposure. Irrigate eyes and skin with copious quantities of water. Seek medical attention	

## SECTION VI – REACTIVITY DATA

<b>STABILITY</b>	<b>UNSTABLE</b>		<b>CONDITIONS TO AVOID:</b> None
	<b>STABLE</b>	X	
<b>INCOMPATIBILITY (materials to avoid):</b> N.A.			
<b>HAZARDOUS DECOMPOSITION or BYPRODUCTS:</b> N.A.			
<b>HAZARDOUS POLYMERIZATION</b>	<b>MAY OCCUR</b>		<b>CONDITIONS TO AVOID:</b> None
	<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> Normal precautions for inert or nuisance dust and particles
<b>WASTE DISPOSAL METHOD:</b> In compliance with Federal, Provincial, 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> N.A.
	<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> Normal precautions for inert or nuisance dust and particles.
<b>OTHER PRECAUTIONS:</b> None

<b>Prepared by:</b>
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<b>Title:</b> Quality Assurance Manager
<b>Date Reviewed:</b> April 20, 2010-5