

**SECTION I**

<b>PRODUCT NAME OR NUMBER (as it appears on label)</b> Polyplus® Plastic Blast Abrasive (Type Two)	
<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> January 5, 2004 - 5
<b>MATERIAL DESCRIPTION, PROPER SHIPPING NAME</b> Plastic Abrasive, Polyplus	
<b>HAZARD CLASSES (as applicable):</b> - N.A.	
<b>CHEMICAL FAMILY:</b> - Amino Thermoset Plastic	<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
9004-34-6 9011-05-6	>1%	Polymerized Urea Formaldehyde Compound w/ Alpha Cellulose Filler			
2764-13-8	<1%	Anti-Static Agent – Cal Stat 600			
N.A.	<1%	Pigments and Additives			

Formaldehyde is an ingredient in the manufacture of this product and is cross-linked into the plastic. The product does not contain free formaldehyde.

**SECTION III – PHYSICAL DATA**

<b>BOILING POINT</b> ___ °F ___ °C N.A.	<b>SPECIFIC GRAVITY (H<sub>2</sub>O=1):</b> 1.47-1.52	
<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> - N.A.	<b>UEL:</b> - N.A.
<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.			
<b>UNUSUAL FIRE AND EXPLOSION HAZARDS:</b> - Maintain normal good housekeeping for control of dust.			

## 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:</b> _____ <b>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> - In case of eye or skin irritation, flush with plenty of water for 15 minutes. Inhalation – remove to fresh air and contact physician if necessary.	

## SECTION VI – REACTIVITY DATA

<b>STABILITY:</b> <input checked="" type="checkbox"/> STABLE <input type="checkbox"/> UNSTABLE	<b>CONDITIONS TO AVOID:</b>
<b>INCOMPATIBILITY (Materials to avoid):</b> - No specific incompatibility	
<b>HAZARDOUS DECOMPOSITION or BYPRODUCTS:</b> - Smoke, carbon dioxide, carbon monoxide, formaldehyde, hydrogen cyanide at +500°F.	
<b>HAZARDOUS POLYMERIZATION:</b> <input checked="" type="checkbox"/> MAY NOT OCCUR <input type="checkbox"/> MAY OCCUR	<b>CONDITIONS TO AVOID:</b>

## SECTION VII – SPILL OR LEAK PROCEDURES

<b>STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:</b> - Remove from 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>MECHANICAL (General – Specify Rate):</b> - <b>Acceptable</b> <b>SPECIAL:</b> - Explosion proof may be necessary if aerated and airveyed. <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 unmarked containers.
<b>OTHER PRECAUTIONS:</b> - None

**Prepared by:**  
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**Title:** Quality Assurance Manager  
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