US Technology Corporation

The Magic is the Media

A ISO 9001:2008 – ANSI-ISO-ASQ Q9001-2008 Company

SECTION I

PRODUCT NAME OR NUMBER (as it appears on label) Polyplus® Plastic Blast Abrasive (Type Two)	
MANUFACTURER'S NAME U.S. Technology Corporation	**EMERGENCY TELEPHONE NO.** (330) 455-1181
ADDRESS (Number, Street, City and Zip Code) 1446 W. Tuscarawas St., Canton OH 44702	**DATE PREPARED/REVISED – NO.** April 20, 2010-7
MATERIAL DESCRIPTION, PROPER SHIPPING NAME Plastic Abrasive, Polyplus	
HAZARD CLASSES (as applicable): N.A.	
CHEMICAL FAMILY: Amino Thermoset Plastic	**FORMULA:** 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			
5280-80-8 13463-67-7 12769-96-9	<1%	Pigments and Additives			

SECTION III – PHYSICAL DATA

BOILING POINT___°F ___ °C N.A.	**SPECIFIC GRAVITY (H_2O=1):** 1.47-1.52	
MELTING POINT___°F ___°C N.A.	**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=** 4-8	
APPEARANCE AND ODOR: Multi-colored granules with slight plastic odor		**MATERIAL FORM:** Solid

SECTION IV – FIRE AND EXPLOSION HAZARD DATA

FLASH POINT ____ °F ___ °C: N.A.	**FLAMMABLE:** N.A.	**LEL:** N.A.	**UEL:** N.A.
EXTINGUISHING MEDIA: Carbon dioxide, dry chemicals or water fog			
SPECIAL FIRE FIGHTING PROCEDURES: Do not use high-pressure water stream. Fog nozzles are preferable.			
UNUSUAL FIRE AND EXPLOSION HAZARDS: Maintain normal good housekeeping for control of dust.			

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:** _____
PRIMARY ROUTES OF ENTRY: ☑ **Inhalation** ☑ **Skin Contact** ☐ **Other (specify)**	
EMERGENCY AND FIRST AID PROCEDURES: 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

STABILITY: ☑ **STABLE** ☐ **UNSTABLE**	**CONDITIONS TO AVOID:**
INCOMPATIBILITY (Materials to avoid): No specific incompatibility	
HAZARDOUS DECOMPOSITION or BYPRODUCTS: Smoke, carbon dioxide, carbon monoxide, formaldehyde, hydrogen cyanide at +500°F.	
HAZARDOUS POLYMERIZATION: ☑ **MAY NOT OCCUR** ☐ **MAY OCCUR**	**CONDITIONS TO AVOID:**

SECTION VII – SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: Remove from open flame, sparks, hot surfaces and oxidizing agents. Sweep up and place waste in disposal container.
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. ☐ **Theoretical** _____ **lbs. /gal.** ☐ **Analytical** _____ **lbs. /gal.**

SECTION VIII – SPECIAL PROTECTION INFORMATION

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

SECTION IX – SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING: 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.
OTHER PRECAUTIONS: None

Prepared by:
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