

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 II)	
MANUFACTURER'S NAME U.S. Technology Media Inc.	EMERGENCY TELEPHONE NO. (330) 455-1181
ADDRESS (Number, Street, City and Zip Code) 509 Water ST., Bolivar OH. 44612	DATE PREPARED/REVISED – NO. 02-11-25
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 REG ISTR Y NO.	Approx. %W	Chemical Name(s)	OSHA PEL	ACGIH TLV	Other Limits Recommended
9004-34-6 9011-05-6	98	Polymerized Urea/Melamine 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	<2%	Pigments and Additives			

SECTION III – PHYSICAL DATA

BOILING POINT ___°F ___°C N.A.	SPECIFIC GRAVITY (H₂O=1): 1.47-1.52	BULK DENSITY 58-60 lbs./ft ³
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: <input checked="" type="checkbox"/> Inhalation <input checked="" type="checkbox"/> Skin Contact <input type="checkbox"/> 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: <input checked="" type="checkbox"/> STABLE <input type="checkbox"/> 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: <input checked="" type="checkbox"/> MAY NOT OCCUR <input type="checkbox"/> 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. <input type="checkbox"/> Theoretical _____ lbs. /gal. <input type="checkbox"/> 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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Date Reviewed: 02-11-25