

The Magic is the Media
Safety Data Sheet

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

SECTION I-- IDENTIFICATION

PRODUCT NAME OR NUMBER (as it appears on label) Polyhard® Plastic Blast Abrasive (Type III)		
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. 02/19/2025	
MATERIAL DESCRIPTION, PROPER SHIPPING NAME Plastic Abrasive		
CHEMICAL FAMILY: Amino Thermoset Plastic	FORMULA: N.A.	

SECTION II – HAZARD IDENTIFICATION

HAZARD CLASSES (as applicable): Non-Regulated
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SECTION III – INGREDIENTS

(list all ingredients)

CAS REGISTRY NO.	Approx. %W	CHEMICAL NAME (S)	OSHA PEL	ACGIH TLV	Other Limits Recommended
9003-08-1	>1%	Polymerized Melamine Molding Compound			
9004-34-6	>1%	Alpha Cellulose Filler			
5280-80-8 13463-67-7 12769-96-9	<1%	Pigments and Additives			
2764-13-8	<1%	Anti-Static Agent – Cal Stat 600			

SECTION IV – FIRST AID MEASURES

EMERGENCY AND FIRST AID PROCEDURES:	<p>In case of irritation, flush eyes or skin with plenty of water for 15 minutes. In case of excessive inhalation of dust, remove to fresh air and call physician, if necessary.</p>
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SECTION V – 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 housekeeping for control of dust. High dust concentration could form explosive mixture with air.			

SECTION VI – SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: Remove open flame, sparks, hot surfaces and oxidizing agents. Sweep up and place waste in disposal containers.	
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 VII-- HANDLING AND STORAGE

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 to unmarked containers.
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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	SPECIAL: Explosion proof may be necessary if aerated or air-conveyed
	MECHANICAL (General – Specify Rate): Acceptable	OTHER: N.A.
PROTECTIVE GLOVES (Specify Type): Normal work gloves		EYE PROTECTION (Specify Type): Safety goggles
OTHER PROTECTION EQUIPMENT: Special protection is required for workers exposed to blasting operation.		

SECTION IX – PHYSICAL DATA

BOILING POINT ___°F ___C	N.A.	SPECIFIC GRAVITY (H ₂ O=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	N.A.	pH=	4-8		
APPEARANCE AND ODOR: Multi-colored granules with slight plastic odor				MATERIAL FORM: Solid	

SECTION X – STABILITY AND REACTIVITY DATA

STABILITY	UNSTABLE		CONDITIONS TO AVOID: None known
	STABLE	X	
INCOMPATIBILITY (materials to avoid): No specific incompatibility			
HAZARDOUS DECOMPOSITION PRODUCTS:			
HAZARDOUS POLYMERIZATION	MAY OCCUR		CONDITIONS TO AVOID: None Known
	MAY NOT OCCUR	X	

SECTION XI – TOXICOLOGICAL INFORMATION

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	<input type="text"/> <input type="text"/>
PRIMARY ROUTES OF ENTRY: <input checked="" type="checkbox"/> Inhalation <input checked="" type="checkbox"/> Skin Contact <input checked="" type="checkbox"/> Other (specify) Eye: Through mechanical contact only		

SECTION XVI – SPECIAL PRECAUTIONS

OTHER PRECAUTIONS: Determine compliance with OSHA 1910.1000 Table Z-3 "Inert or Nuisance Dust"

Prepared by:

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Date Reviewed: 02/19/2025

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