

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) Polyextra® Plastic Blast Abrasive (Type I)		
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. 02/11/2025
MATERIAL DESCRIPTION, PROPER SHIPPING NAME Plastic Blast Abrasive		
HAZARD CLASSES (as applicable): N.A.		
CHEMICAL FAMILY: Amino Thermoset Resin		FORMULA: N.A.

SECTION II – INGREDIENTS (list all ingredients)

CAS REGISTRY NO.	Approx. %W	CHEMICAL NAME(S)	OSHA PEL	ACGIH TLV	Other Limits Recommended
100-42-5	>1%	Unsaturated Polyester Resin Polymerized with Styrene Monomer (ethenyl benzene)			
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 (H₂O=1)	1.15 1.25		
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 Unknown	UEL Unknown
EXTINGUISHING MEDIA: Carbon dioxide, dry chemicals or water fog.			
SPECIAL FIRE FIGHTING PROCEDURES: Do not use high-pressure water stream. Fog nozzles are preferable. Water may be used to cool closed containers.			
UNUSUAL FIRE AND EXPLOSION HAZARDS: Maintain normal good housekeeping for control of dust. High dust concentration could form explosive mixture with air.			

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 <table border="1" style="float: right; width: 100px; height: 20px; margin-top: 5px;"> <tr><td> </td></tr> <tr><td> </td></tr> </table>		
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: Inhalation: Remove to fresh air. Skin: Wash affected area with soap and water. Eye: Flush immediately with large amounts of lukewarm water. Call physician if necessary			

SECTION VI – REACTIVITY DATA

STABILITY	UNSTABLE		CONDITIONS TO AVOID: Sources of ignition
	STABLE	x	
INCOMPATIBILITY (materials to avoid): Strong oxidation agents			
HAZARDOUS DECOMPOSITION or BYPRODUCTS: Smoke, Carbon dioxide, carbon monoxide			
HAZARDOUS POLYMERIZATION	MAY OCCUR		CONDITIONS TO AVOID:
	MAY NOT OCCUR	x	

SECTION VII – 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 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.	SPECIAL: Explosion proof may be necessary if aerated or airveyed.
	MECHANICAL (General – Specify Rate): Acceptable	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 to unmarked containers.
OTHER PRECAUTIONS: None

Prepared by:

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Date Reviewed: 02/11/2025