

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) Bond Blast® Plastic Blast Abrasive	
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	
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	98%	Unsaturated Polymerized Polyester Resin			
2764-13-8	<1%	Anti-Stat Agent -CalStat 600			
5280-34-8 13463-67-7 12769-96-9	<2%	Pigments and Additives			

SECTION III – PHYSICAL DATA

BOILING POINT ___°F ___°C N.A.	SPECIFIC GRAVITY (H₂O=1): 1.15-1.25	
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 Non-Flammable	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. Water may be used to cool closed containers.			
UNUSUAL FIRE AND EXPLOSION HAZARDS: Maintain normal good housekeeping for control of dust. High dust concentrations 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: _____
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: <input checked="" type="checkbox"/> STABLE <input type="checkbox"/> UNSTABLE	CONDITIONS TO AVOID: None
INCOMPATIBILITY (Materials to avoid): Strong oxidizing agents	
HAZARDOUS DECOMPOSITION or BYPRODUCTS: Smoke, carbon dioxide, carbon monoxide	
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 open flame, sparks, hot surfaces and oxidizing agents. Sweep up and place 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 or 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 to unmarked containers.
OTHER PRECAUTIONS:

Prepared by:
Name (print): Casey Williams
Title: Quality Assurance Manager
Date Reviewed: 02/19/2025