

SECTION I

PRODUCT NAME OR NUMBER (as it appears on label) Poly MoldBlast® Plastic Blast Abrasive		
MANUFACTURER'S NAME U.S. Technology Corporation		EMERGENCY TELEPHONE NO. (330) 455-1181
ADDRESS (Number, Street, City, and Zip Code) 1446 W. Tuscarawas Street, Canton, OH 44702		DATE PREPARED/REVISED – NO. April 20, 2010-3
MATERIAL DESCRIPTION, PROPER SHIPPING NAME Plastic Abrasive, Poly MoldBlast		
HAZARD CLASSES (as applicable): - Non-regulated		
CHEMICAL FAMILY: Allyl Diglycol Carbonate Polymer		FORMULA: N.A.

SECTION II – INGREDIENTS
(list all ingredients)

CAS REGISTRY NO.	Approx. %W	CHEMICAL NAME (S)	OSHA PEL	ACGIH TLV	Other Limits Recommended
9011-05-6	80	Polymerized Urea Formaldehyde Compound			
9004-34-6	<2%	w/Alpha Cellulose Filler			
00142-22-3	20%	Polycarbonate			
2764-13-8	<1%	Anti-static Agent -Cal Stat 600			
N.A.	<2%	Pigments and Additives			

SECTION III – PHYSICAL DATA

BOILING POINT ___°F ___C	N.A.	SPECIFIC GRAVITY (H₂O=1)	1.40 1.50		
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 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	UNSTABLE		CONDITIONS TO AVOID:
	STABLE	x	
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 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:

Prepared by:

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Title: Quality Assurance Manager
Date Reviewed: April 20, 2010-3