

# Maxi-Blast<sup>®</sup> Inc.

An ISO 9001:2000 Registered Company

Plastic Blast Cleaning Medias ■ Finishing Equipment and Technology

## SECTION I

PRODUCT NAME OR NUMBER (as it appears on label) Sphere Shot <sup>®</sup> (PB) Blast Media	
MANUFACTURER'S NAME Maxi-Blast, Inc	EMERGENCY TELEPHONE NO. (574) 233-1161
ADDRESS (Number, Street, City, State and Zip Code) 3650 North Olive Road, South Bend, Indiana 46628	MANUFACTURER'S D-U-N-S NO. 03-934-9162
MATERIAL DESCRIPTION, PROPER SHIPPING NAME Plastic Material Pellets      Item 156200      Class 60C or FAK 50	
HAZARD CLASSES (as applicable) Non-Regulated	
CHEMICAL FAMILY Polystyrene Copolymer Bead	FORMULA Styrene Divinylbenzene Copolymer

## SECTION II – INGREDIENTS (list all ingredients)

CAS REGISTRY NO.	Approx. %W	CHEMICAL NAME(S)	Listed as a Carcinogen in NTP, IARC or OSHA 1910(z) (specify)
9052-95-3	100%	Styrene Divinylbenzene Copolymer	N/A

## SECTION III – PHYSICAL DATA

BOILING POINT	N.A.	SPECIFIC GRAVITY (H <sub>2</sub> O=1)	1.05		
VAPOR PRESSURE	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	Insoluble	PH=	5 – 7		
APPEARANCE AND ODOR	White spherical beads with trace of styrene odor.		MATERIAL FORM:	Dry beads	

## SECTION IV – FIRE AND EXPLOSION HAZARD DATA

AUTOIGNITION TEMPERATURE	800° F    420° C	FLAMMABLE LIMITS	LEL N.A.	UEL N.A.
EXTINGUISHING MEDIA	CO <sub>2</sub> , Dry Chemical, Water, Fog.			
SPECIAL FIRE FIGHTING PROCEDURES	Wear MSHA/NIOSH approved, pressure demand, self-contained breathing apparatus.			
UNUSUAL FIRE AND EXPLOSION HAZARDS	N/A			

## SECTION V – HEALTH HAZARD DATA

EFFECTS OF OVEREXPOSURE – Conditions to Avoid	THRESHOLD LIMIT VALUE <input type="text"/>
	PERMISSIBLE EXPOSURE LIMIT <input type="text"/>
Mechanical injury to eyes and/or skin can occur. Excessive dust inhalation may be harmful.	
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.	
EMERGENCY AND FIRST AID PROCEDURES    In case of irritation flush eyes or skin with water. In case of excessive inhalation of dust remove to fresh air. Call physician if necessary.	

## SECTION VI – REACTIVITY DATA

STABILITY	UNSTABLE		CONDITIONS TO AVOID
	STABLE	X	Avoid temperatures over 220° C (428° F)
INCOMPATIBILITY(materials to avoid)    Avoid contact with concentrated nitric acid or strong oxidizing agents.			
HAZARDOUS DECOMPOSITION PRODUCTS    CO, CO <sub>2</sub> , Styrene monomer, divinylbenzene			
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	Beads on floor may mechanically cause floor to be slippery.
Use care to avoid falls. Sweep up and transfer to containers for recovery or disposal.	
WASTE DISPOSAL METHOD    This material may be disposed of as ordinary trash.	
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 _____ lb/gal	<input type="checkbox"/> Analytical _____ lb/gal

## SECTION VIII – SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION (Specify Type)    None		
VENTILATION	LOCAL EXHAUST (Specify Rate)    Normal plant ventilation.	SPECIAL
	MECHANICAL (General – Specify Rate)	OTHER
PROTECTIVE GLOVES (Specify Type)		EYE PROTECTION (Specify Type)    Safety Goggles
OTHER PROTECTIVE EQUIPMENT    Store below 49°C (120° F) and above 0° C (32° F)		

## SECTION IX – SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING	Keep dry to maintain material in usable condition.
Store in original containers to maintain identity.	
OTHER PRECAUTIONS    Prior to using, open container to allow residual odor to dissipate. Determine compliance with OSHA 1910.1000 Table Z-3	
"Inert or Nuisance Dust"	PEL – Total Dust: 15 mg/m <sup>3</sup> Respirable Fraction: 5 mg/m <sup>3</sup>
PEL = Permissible Exposure Limits, 8 hr. Time Weighted Average    mg/m <sup>3</sup> = milligrams per cubic meter    N.A.= Not Applicable	

<p><b>Maxi-Blast<sup>®</sup> Inc.</b></p> <p>3650 North Olive Road – South Bend, In 46628          (574) 233-1161 – Fax: (574) 234-0792 – e-mail: info @maxiblast.com          MSDSPB    Page 2    Rev. – 8    1/31/08</p>	
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