

## SECTION I

PRODUCT NAME OR NUMBER (as it appears on label) Aluminum Oxide Blast Media	
MANUFACTURER'S NAME Maxi-Blast, Inc. <sup>®</sup>	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 Aluminum Oxide Granules      Item 90220      Class 50	
HAZARD CLASSES (as applicable) Non-Regulated	
CHEMICAL FAMILY Refractory Oxide	FORMULA Al <sub>2</sub> O <sub>3</sub>

## 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)
1344-28-1	> 95	Alpha Alumina	No
13463-67-7	<5	Titanium Dioxide	No

## SECTION III – PHYSICAL DATA

BOILING POINT ____ °F    ____ °C	N.A.	SPECIFIC GRAVITY (H <sub>2</sub> O=1)	3.97	Hardness= MOH's 9.0 R - 64	
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	Nil	PH=	6-8		
APPEARANCE AND ODOR:	White to Brown Granules, Odorless			MATERIAL FORM:	Solid

## SECTION IV – FIRE AND EXPLOSION HAZARD DATA

Non Flammable	FLAMMABLE LIMITS	LEL N.A.	UEL N.A.
EXTINGUISHING MEDIA	N.A.		
SPECIAL FIRE FIGHTING PROCEDURES	N.A.		
UNUSUAL FIRE AND EXPLOSION HAZARDS	N.A.		

## SECTION V – HEALTH HAZARD DATA

EFFECTS OF OVEREXPOSURE – Conditions to Avoid	THRESHOLD LIMIT VALUE <input style="width: 30px;" type="text"/> PERMISSIBLE EXPOSURE LIMIT <input style="width: 30px;" 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	
INCOMPATIBILITY(materials to avoid)                          N.A.			
HAZARDOUS DECOMPOSITION PRODUCTS                          N.A.			
HAZARDOUS POLYMERIZATION	MAY OCCUR		CONDITIONS TO AVOID    N.A.
	MAY NOT OCCUR	X	

## SECTION VII – SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED    Sweep or vacuum up and place waste in disposal container.	
WASTE DISPOSAL METHOD    Disposal must be made according to 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 _____ lb/gal	<input type="checkbox"/> Analytical _____ lb/gal

## SECTION VIII – SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION (Specify Type)    Provide adequate ventilation. NIOSH/MSHA approved respiratory protection as required.		
VENTILATION	LOCAL EXHAUST (Specify Rate)    As required for specific user application.	SPECIAL
	MECHANICAL (General – Specify Rate)    See Section IX "Other Precautions"	OTHER
PROTECTIVE GLOVES (Specify Type)    Normal Work Gloves		EYE PROTECTION (Specify Type)    Safety Goggles
OTHER PROTECTIVE EQUIPMENT    Special protection is required for workers exposed to abrasive blast operation.		

## SECTION IX – SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING    None	
OTHER PRECAUTIONS    Determine compliance with OSHA 1910.1000 Table Z-1-A "Limits for Air Contaminants"	
Final Rule Limits – Total Dust: 10 mg/m <sup>3</sup> Respirable Fraction: 5 mg/m <sup>3</sup> TWA	
TWA – Time Weighted Average                          mg/m <sup>3</sup> = milligrams per cubic meter    N.A. = Not Applicable	

<b>Maxi-Blast</b> ® Inc. 3650 North Olive Road – South Bend, In 46628 (574) 233-1161 – Fax: (574) 234-0792 – e-mail: info@maxiblast.com MSDSAO    Page 2    Rev. – 9                          1/10/19	
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