

Maxi-Blast[®] 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) Polyamide – Nylon (NT) Tumbling 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 Polyamide – Nylon 6	FORMULA (C ₆ H ₁₁ NO) _n

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)
25038-54-4	> 98	Polyamide Nylon	No
Various	< 2	Pigments	No

SECTION III – PHYSICAL DATA

SOFTENING POINT ____ °F ____ °C	N.A.	SPECIFIC GRAVITY (H ₂ O=1)	1.13		
MELTING POINT <u>420°</u> F <u>215°</u> 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=	N.A.		
APPEARANCE AND ODOR Solid, Red Color, Odorless			MATERIAL FORM:	Solid, Double Pointed Cone	

SECTION IV – FIRE AND EXPLOSION HAZARD DATA

AUTOIGNITION TEMPERATURE <u>770°</u> F <u>410°</u> C	FLAMMABLE LIMITS	LEL N.A.	UEL N.A.
EXTINGUISHING MEDIA Water or Dry Chemical are preferred.			
SPECIAL FIRE FIGHTING PROCEDURES Material tends to self extinguish when removed from a source of ignition. Firefighters should wear 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.	See Section IX
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 Sources of ignition.
	STABLE	X	
INCOMPATIBILITY(materials to avoid) Strong mineral acids.			
HAZARDOUS DECOMPOSITION PRODUCTS Thermal decomposition may release smoke, Carbon Dioxide and 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	Keep away from open flame sparks and hot surfaces.
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	Keep dry to maintain material in usable condition.
Store in original containers to maintain identity.	
OTHER PRECAUTIONS Determine compliance with OSHA 1910.1000 Table Z-3 "Inert or Nuisance Dust"	
PEL – Total Dust: 15 mg/m ³ Respirable Fraction: 5 mg/m ³	
PEL = Permissible Exposure Limits, 8 hr. Time Weighted Average mg/m ³ = milligrams per cubic meter N.A.= Not Applicable	

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