



Quality, High Performance Plastic Blast Media

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**SECTION I - IDENTIFICATION**

PRODUCT NAME OR NUMBER (as it appears on label) OPTI-BLAST (OB) PLASTIC BLAST MEDIA		
MANUFACTURER'S NAME OPTI-BLAST, INC.		EMERGENCY TELEPHONE NO. (903)589-0452
ADDRESS (number,street,city,state and zip code) 4032 NORTH JACKSON, JACKSONVILLE, TEXAS 75766		MANUFACTURER'S D&B NO. 883493686
MATERIAL DESCRIPTION PROPER SHIPPING NAME PLASTIC MATERIAL FREE FLOWING ITEM OBT2 CLASS 55		
HAZARD CLASSES (as applicable) NON-REGULATED		
CHEMICAL FAMILY AMINO THERMOSET PLASTIC		FORMULA N.A.

**SECTION II - HAZARD (S) IDENTIFICATION**

(list all ingredients)

CAS REGISTRY NO.	APPROX. %W	CHEMICAL NAME(S)	LISTED AS A CARCINOGEN IN NTP, IARC OR OSHA 1910(z)(specify)
9011-05-6	>97	MOLDED-GRANULATED UREA FORMALDEHYDE	NO
PIGMENTS & ADDITIVES	<2	PIGMENTS	NO

HAZARDOUS STATEMENT: MAY FORM COMBUSTIBLE DUST CONCENTRATIONS IN AIR.

**SECTION III - COMPOSITION / INFORMATION ON INGREDIENTS**

CHEMICAL IDENTIFICATION	COMMON NAME	CAS #	WEIGHT %
POLYMERIZED UREA MOLDING COMPOUND	UREA THERMOSET PLASTIC	9011-05-6	>97
PIGMENTS & ADDITIVES		PROPRIETARY	<2
RESI STAT (ANTI-STATIC AGENT)		002764-13-8	<1

**SECTION IV - FIRST - AID MEASURES**

INCASE OF IRRITATION FLUSH EYE / AND OR SKIN, WITH WATER.
INCASE OF EXCESSIVE INHILATION OF DUST, MOVE TO FRESH AIR, AND IF NECESSARY, CALL PHYSICIAN.
PRIMARY ROUTES OF ENTRY: INHILATION, SKIN CONTACT, AND EYES.
INGESTION: IF SWALLOWED GIVE LARGE AMOUNTS OF WATER TO INDUCE VOMITING, AND CONSULT A PHYSICIAN RIGHT AWAY.
NOTES TO PHYSICIANS: TREAT SYMPTOMATICALLY.

**SECTION V - FIRE - FIGHTING MEASURES**

EXTINGUISHING MEDIA: CO2, DRY CHEMICALS, AND / OR WATER FOG.
SPECIAL FIRE FIGHTING PROCEDURES: GENERALLY SELF EXTINGUISHING. FIRE FIGHTERS SHOULD WEAR SELF CONTAINED BREATHING APPARATUS.
AVOID GENERATING DUST; FINE DUST DISPERSED IN AIR IN SIGNIFICANT CONCENTRATION AND IN THE PRESENCE OF IGNITION SOURCE.
SPECIAL PRECAUSIONS FOR FIRE FIGHTERS; FINISHED PRODUCTS ARE NOT CONSIDERED EXPLOSIVE, OR IGNITABLE HAZARDS WHEN USED IN A PROPERLY DESIGNED AND MONITORED BLAST SYSTEM.
WARNING: COMBUSTABLE DUST CONCENTRATIONS IN AIR (DURING PROCESSING).

**SECTION VI - ACCIDENTAL RELEASE MEASURES**

PERSONAL PRECAUTIONS: PROTECTIVE EQUIPMENT AND EMERGENCY PROCEDURES: STANDARD CLEAN UP PROCEDURES REGARDING NON-HAZARDOUS PRODUCTS
ENVIRONMENTAL PRECAUTIONS: NO ENVIRONMENTAL IMPACT. STANDARD CLEAN UP PROCEDURES.
METHOD AND MATERIALS FOR CONTAINMENT AND CLEANING UP: STANDARD PROCEDURES FOR CLEAN UP OF NON-HAZARDOUS MATERIALS. SPILLED MATERIALS CAN BE A SLIPPING HAZARDOUS. ELIMINATE FLAMES, SPARKS, EXCESSIVE TEMPERATURES. NON-SPARKING TOOLS SHOULD BE USED.

Opti-Blast, Inc. • 4032 N. Jackson St. • Jacksonville, TX 75766  
 (903) 589-0452 • (800) 453-4510 • (903) 589-0659 Fax  
 www.optiblast.com

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 REV.-7  
 SDS OBT2

## SECTION VII - HANDLING AND STORAGE

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.	
DUST DEPOSITS SHOULD NOT BE ALLOWED TO ACCUMULATE ON SURFACES, AS THEY MAY FORM AN EXPLOSIVE MIXTURE IF THEY ARE RELEASED INTO THE ATMOSPHERE IN SUFFICIENT CONCENTRATIONS.	
AVOID DISPERSAL OF DUST IN THE AIR (i.e., CLEARING DUST SURFACES WITH COMPRESSED AIR.)	
NON-SPARKING TOOLS SHOULD BE USED.	
THEORETICAL	LB/GAL
ANALYTICAL	LB/GAL

## SECTION VIII - EXPOSURE CONTROLS / PERSONAL PROTECTION

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 IV AND 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.		
ROUTINE HOUSEKEEPING SHOULD BE INSTITUTED TO ENSURE THAT DUSTS DO NOT ACCUMULATE ON SURFACES.		
DRY POWDERS CAN BUILD STATIC ELECTRICITY CHARGE WHEN SUBJECTED TO THE FRICTION OF TRANSFER AND MIXING OPERATIONS.		
MINIMIZE DUST GENERATION AND ACCUMULATION.		
PROVIDE ADEQUATE PRECAUTIONS, SUCH AS ELECTRICAL GROUNDING AND BONDING, OR INSERT ATMOSPHERES.		
IT IS RECOMMENDED THAT ALL DUST CONTROL EQUIPMENT SUCH AS LOCAL EXHAUST VENTILATION AND MATERIAL TRANSPORT SYSTEMS IN HANDLING OF THIS PRODUCT CONTAIN EXPLOSIVE RELIEF VENTS OR AN EXPLOSION SUPPRESSION SYSTEM OR AN OXYGEN-DEFICIENT ENVIRONMENT FOR THE ESCAPE OF DUST INTO THE WORK AREA (i.e. THERE IS NO LEAKAGE FROM THE EQUIPMENT).		

## SECTION IX - PHYSICAL AND CHEMICAL PROPERTIES

INFORMATION ON BASIC PHYSICAL & CHEMICAL PROPERTIES:			
PHYSICAL STATE	GRANULAR		
APPEARANCE	GRANULES ONE OR SEVERAL COLORS	ODOR	NO ODOR
COLOR	VARIOUS	ODOR THRESHOLD	NOT DETERMINED
PROPERTY	VALUES		REMARKS / METHODS
pH	4-8		
MELTING POINT / FREEZING POINT	NOT APPLICABLE		
BOILING POINT / BOILING RANGE	NOT APPLICABLE		
FLASH POINT	NOT APPLICABLE		
EVAPORATION RATE	NOT APPLICABLE		
FLAMMABILITY (SOLID, GAS)	NOT DETERMINED		
UPPER FLAMMABILITY LIMITS	NOT APPLICABLE		
LOWER FLAMMABILITY LIMIT	NOT APPLICABLE		
VAPOR PRESSURE	NOT APPLICABLE		
VAPOR DENSITY	NOT APPLICABLE		
SPECIFIC GRAVITY	1.5		(1=WATER)
WATER SOLUBILITY	INSOLUBLE IN WATER		
SOLUBILITY IN OTHER SOLVENTS	NOT DETERMINED		
PARTITION COEFFICIENT	NOT DETERMINED		
AUTO-IGNITION TEMPERATURE	NOT DETERMINED		
DECOMPOSITION TEMPERATURE	NOT DETERMINED		
KINEMATIC VISCOSITY	NOT APPLICABLE		
DYNAMIC VISCOSITY	NOT APPLICABLE		
EXPLOSIVE PROPERTIES	DUST CAN FORM AN EXPLOSIVE MIXTURE WITH AIR		
OXIDIZING PROPERTIES	NOT DETERMINED		

## SECTION X - STABILITY AND REACTIVITY

REACTIVITY:
CHEMICAL STABILITY: STABLE UNDER RECOMMENDED STORAGE CONDITIONS.
POSSIBILITY OF HAZARDOUS REACTIONS: NONE UNDER NORMAL PROCESSING.
HAZARDOUS POLYMERIZATION: HAZARDOUS POLYMERIZATION DOES NOT OCCUR.
CONDITIONS TO AVOID: KEEP OUT OF REACH OF CHILDREN, EXCESSIVE HEAT, SPARKS, AND FLAMES.
INCOMPATIBLE MATERIALS: OXIDIZING AGENTS.
HAZARDOUS DECOMPOSITION PRODUCTS: SMOKE, CARBON MONOXIDE, NITROUS OXIDES.

## SECTION XI - TOXICOLOGICAL INFORMATION

INFORMATION ON LIKELY ROUTES OF EXPOSURE:			
	<b>PRODUCT INFORMATION:</b>		
	<b>EYE CONTACT:</b>	AVOID CONTACT WITH EYES.	
	<b>SKIN CONTACT:</b>	AVOID CONTACT WITH SKIN. MAY BE HARMFUL IN CONTACT WITH SKIN.	
	<b>INHALATION:</b>	AVOID INHALATION OF DUST.	
	<b>INGESTION:</b>	DO NOT TASTE OR SWALLOW.	
<b>COMPONENT INFORMATION:</b>			
<b>CHEMICAL NAME</b>	<b>ORAL LD50</b>	<b>DERMAL LD50</b>	<b>INHALATION LC50</b>
POLYMERIZED UREA MOLDING COMPOUND 9011-05-06	= 8394 MG/KG (RAT)	>2100 MG/KG (RAT)	>167 MG/M <sup>3</sup> (RAT) 4 H

INFORMATION ON PHYSICAL, CHEMICAL AND TOXICOLOGICAL EFFECTS:	
<b>SYMPTOMS:</b>	PLEASE SEE SECTION 4 OF THIS SDS FOR SYMPTOMS.
<b>DELAYED &amp; IMMEDIATE EFFECTS AS WELL AS CHRONIC EFFECTS FROM SHORT &amp; LONG TERM EXPOSURE</b>	
<b>CARCINOGENICITY:</b>	BASED ON THE INFORMATION PROVIDED, THIS PRODUCT DOES NOT CONTAIN ANY CARCINOGENS OR POTENTIAL CARCINOGENS AS LISTED BY OSHA, IARC OR NTP.
<b>NUMERICAL MEASURES OF TOXICITY:</b>	NOT DETERMINED.

## SECTION XII - ECOLOGICAL INFORMATION

ECOTOXICITY:	
THE PRODUCT IS NOT CLASSIFIED AS ENVIRONMENTALLY HAZARDOUS. HOWEVER THIS DOES NOT EXCLUDE THE POSSIBILITY THAT LARGE OR FREQUENT SPILLS CAN HAVE A HARMFUL OR DAMAGING EFFECT ON THE ENVIRONMENT.	
<b>COMPONENT INFORMATION:</b>	N/A
<b>PERSISTENCE / DEGRADABILITY:</b>	NOT DETERMINED
<b>BIOACCUMULATION:</b>	NOT DETERMINED
<b>MOBILITY:</b>	NOT DETERMINED
<b>OTHER ADVERSE EFFECTS:</b>	NOT DETERMINED

## SECTION XIII - DISPOSAL CONSIDERATIONS

WASTE TREATMENT METHODS:	
<b>DISPOSAL OF WASTES:</b>	DISPOSAL SHOULD BE IN ACCORDANCE WITH APPLICABLE REGIONAL, NATIONAL & LOCAL LAWS & REGULATIONS.
<b>CONTAMINATED PACKAGING:</b>	DISPOSAL SHOULD BE IN ACCORDANCE WITH APPLICABLE REGIONAL, NATIONAL & LOCAL LAWS & REGULATIONS.

## SECTION XIV - TRANSPORT INFORMATION

<b>NOTE:</b>	PLEASE SEE CURRENT SHIPPING PAPER FOR MOST UP TO DATE SHIPPING INFORMATION, INCLUDING EXEMPTIONS & SPECIAL CIRCUMSTANCES
<b>DOT:</b>	NOT REGULATED.
<b>IATA:</b>	NOT REGULATED.
<b>IMDG:</b>	NOT REGULATED.

## SECTION XV - REGULATORY INFORMATION

INTERNAL INVENTORIES:											
CHEMICALNAME	TSCA	DSL	NDSL	EINECS	ELINCS	ENCS	IECSC	KECL	PICCS	AICS	
POLYMERIZED UREA MOLDING COMPOUND	PRESENT	X				PRESENT	X	PRESENT	X	X	
PIGMENTS & ADDICTIVES	PRESENT	X		PRESENT			X	PRESENT	X	X	

LEGEND:	
	TSCA: UNITED STATES TOXIC SUBSTANCES CONTROL ACT SECTION 8(b) INVENTORY.
	DSL/NDSL: CANADIAN DOMESTIC SUBSTANCES LIST/NON-DOMESTIC SUBSTANCES LIST.
	EINECS/ELINCS: EUROPEAN INVENTORY OF EXISTING CHEMICAL SUBSTANCES/EUROPEAN LIST OF NOTIFIED CHEMICAL SUBSTANCES.
	ENCS: JAPAN EXISTING AND NEW CHEMICAL SUBSTANCES.
	IECSC: CHINA INVENTORY OF EXISTING CHEMICAL SUBSTANCES.
	KECL: KOREAN EXISTING AND EVALUATED CHEMICAL SUBSTANCES.
	PICCS: PHILIPPINES INVENTORY OF CHEMICALS AND CHEMICAL SUBSTANCES.
	AICS: AUSTRALIAN INVENTORY OF CHEMICAL SUBSTANCES.

<b>US FEDERAL REGULATIONS:</b>
<b>CERCLA:</b>
THIS MATERIAL, AS SUPPLIED, DOES NOT CONTAIN ANY SUBSTANCES REGULATED AS HAZARDOUS SUBSTANCES UNDER THE COMPREHENSIVE ENVIRONMENTAL RESPONSE COMPENSATION AND LIABILITY ACT (CERCLA)(40 CFR 302) OR THE SUPERFUND AMENDMENTS AND REAUTHORISATION ACT (SARA)(40 CFR 355).
<b>SARA 313:</b>
NOT DETERMINED.
<b>CWA (CLEAN WATER ACT):</b>
THIS PRODUCT DOES NOT CONTAIN ANY SUBSTANCES REGULATED AS POLLUTANTS PURSUANT TO THE CLEAN WATER ACT (40 CFR 122.21 AND 40 CFR 122.42)
<b>US STATE REGULATIONS:</b>
<b>US STATE RIGHT-TO-KNOW REGULATIONS:</b>
THIS PRODUCT DOES NOT CONTAIN ANY SUBSTANCES REGULATED UNDER APPLICABLE STATE RIGHT-TO-KNOW REGULATIONS

**SECTION XVI - OTHER INFORMATION**

**ADDITIONAL PRODUCT INFORMATION:** REFER TO NFPA 654, STANDARD FOR THE PREVENTION OF FIRE AND DUST EXPLOSIONS FROM THE MANUFACTURING, PROCESSING, AND HANDLING OF COMBUSTIBLE PARTICULATE SOLIDS, FOR SAFE HANDLING.

NFPA	HEALTH HAZARDS	FLAMMABILITY	INSTABILITY	SPECIAL HAZARDS
	2	0	0	NOT DETERMINED
HMIS	HEALTH HAZARDS	FLAMMABILITY	INSTABILITY	SPECIAL HAZARDS
	2	0	0	NOT DETERMINED

**DISCLAIMER:**  
 THE INFORMATION PROVIDED IN THIS SAFETY DATA SHEET IS CORRECT TO THE BEST OF OUR KNOWLEDGE, INFORMATION AND BELIEF AT THE DATE OF ITS PUBLICATION. THE INFORMATION GIVEN IS DESIGNED ONLY AS A GUIDANCE FOR SAFE HANDLING, USE, PROCESSING, STORAGE, TRANSPORTATION, DISPOSAL AND RELEASE AND IS NOT TO BE CONSIDERED A WARRANTY OR QUALITY SPECIFICATION. THE INFORMATION RELATES ONLY TO THE SPECIFIC MATERIAL DESIGNATED AND MAY NOT BE VALID FOR SUCH MATERIAL USED IN COMBINATION WITH ANY OTHER MATERIALS OR IN ANY PROCESS, UNLESS SPECIFIED IN THE TEXT.

**OPTI-BLAST, INC.**  
 4032 NORTH JACKSON - JACKSONVILLE, TX 75766  
 (903)589-0452 FAX: (903)589-0659 - EMAIL: customerservice@optiblast.com  
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