

# Quality, High Performance Plastic Blast Media

## SECTION I - IDENTIFICATION

<b>MANUFACTURER'S NAME</b> OPTI-BLAST, INC.	<b>EMERGENCY TELEPHONE NO.</b> (903)589-0452
<b>ADDRESS (number, street, city, state and zip code)</b> 4032 NORTH JACKSON, JACKSONVILLE, TEXAS 75766	<b>MANUFACTURER'S D&amp;B NO.</b> 883493686
<b>MATERIAL DESCRIPTION PROPER SHIPPING NAME</b> PLASTIC MATERIAL FREE FLOWING ITEM OBT2 CLASS 55	<b>RECOMMENDED USE</b> INDUSTRIAL CLEANING, BLASTING AND COATING REMOVAL.
<b>HAZARD CLASSES (as applicable)</b> NON-REGULATED	<b>CHEMICAL FAMILY</b> THERMOSET UREA COMPOUND-CROSSLINKED

## SECTION II - HAZARDS IDENTIFICATION

(list all ingredients)

<b>HAZARDS STATEMENT</b> MECHANICAL INJURY TO EYES AND/OR SKIN CAN OCCUR.	<b>CLASSIFICATION</b> PLASTIC ABRASIVE
<b>HAZARDS NOT OTHERWISE CLASSIFIED (HNOC)</b> MAY BE HARMFUL IN CONTACT WITH SKIN.	<b>APPEARANCE</b> MULTICOLORED
<b>PHYSICAL STATE</b> GRANULAR	<b>SIGNAL WORD</b> WARNING
	<b>ODOR</b> NO ODOR
<b>PRECAUTIONARY STATEMENT</b> KEEP DRY TO MAINTAIN MATERIAL IN USABLE CONDITION. STORE IN ORIGINAL CONTAINER TO IDENTIFY.	

## SECTION III - COMPOSITION/ INFORMATION ON INGREDIENTS

<b>SYNONYMS</b>	THERMOSET UREA COMPOUND-CROSSLINKED
<b>CHEMICAL FAMILY</b>	THERMOSET PLASTICS
<b>FORMULA</b>	UREA POLMERIZED/RESISTAT.
<b>CHEMICAL NAME(S)</b>	<b>CAS REGISTRY NO.</b>
POLYMERIZED UREA MOLDING COMPOUND	5/6/9011
PIGMENTS AND ADDITIVES	PROPRIETARY
RESISTAT (ANTI-STATIC AGENT)	002764-13-8
	<b>APPROX. WEIGHT PERCENTAGE</b>
	>97
	<2
	<1
** IF CHEMICAL NAME/CAS NO. IS "PROPRIETARY" AND/OR WEIGHT -% IS LISTED AS A RANGE, THE SPECIFIC CHEMICAL IDENTITY AND/OR PERCENTAGE OF COMPOSITION HAS BEEN WITHHELD AS A TRADE SECRET.**	

## SECTION IV - FIRST-AID MEASURES

<b>FIRST AID MEASURES</b>	<b>MOST IMPORTANT SYMPTOMS AND EFFECTS</b>
EYE CONTACT - RINSE EYELIDS IMMEDIATELY WITH WATER FOR AT LEAST 15 MINUTES.	EXPOSURE TO EYES FROM DUST MAY CAUSE IRRITATION TO EYES. POTENTIAL OF SLIGHT IRRITATION TO SKIN. MAY BE HARMFUL IF SWALLOWED IN LARGE QUANTITIES.
SKIN CONTACT - WASH SKIN THOROUGHLY WITH MILD SOAP AND WATER.	<b>IMMEDIATE MEDICAL ATTENTION &amp; SPECIAL TREATMENT NEEDED</b>
INHALATION - IF SWALLOWED, GIVE LARGE AMOUNTS OF WATER.	TREAT SYMPTOMATICALLY.

## SECTION V - FIRE FIGHTING MEASURES

<b>SUITABLE EXTINGUISHING</b> DRY CHEMICAL, COS, WATER SPRAY OR REGULAR FOAM AND STEAM.	<b>UNSUITABLE EXTINGUISHING MEDIA</b> N/A
<b>SPECIFIC HAZARDS ARISING FROM THE CHEMICAL</b> SEALED CONTAINERS CAN BUILD UP PRESSURE IF EXPOSED TO HEAT.	<b>HAZARDOUS COMBUSTION PRODUCTS</b> CARBON MONOXIDE, NITROGEN OXIDES (NOx).
<b>PROTECTIVE EQUIPMENT AND PRECAUTIONS FOR FIREFIGHTERS</b> IN CASE OF FIRE, WEAR SELF-CONTAINED BREATHING APPARATUS PRESSURE-DEMAND.	<b>SENSITIVITY TO STATIC DISCHARGE</b> AVOID GENERATING DUST.

## SECTION VI - ACCIDENTAL RELEASE MEASURES

<b>PERSONAL PRECAUTIONS</b> WEAR PROTECTIVE CLOTHING.	<b>METHODS FOR CONTAINMENT</b> PREVENT FURTHER LEAKAGE OR SPILLAGE.
<b>METHODS FOR CLEAN UP</b> CAREFULLY SWEEP, SCOOP OR VACUUM AND PLACE IN SUITABLE CONTAINER. AVOID GENERATING DUST. IF POSSIBLE, COMPLETE CLEANUP ON A DRY BASIS.	

## SECTION VII - HANDLING AND STORAGE

<b>PRECAUTIONS FOR SAFE HANDLING</b> KEEP DRY TO MAINTAIN IN USABLE CONDITION. STORE IN ORIGINAL CONTAINER TO IDENTIFY. AVOID BREATHING IN DUST.	
<b>HANDLING INCOMPATIBLE CHEMICALS</b> USE ONLY IN WELL VENTILATED AREAS. MINIMIZE DUST GENERATION AND ACCUMULATION.	<b>GENERAL HYGIENE PRACTICES</b> EATING, DRINKING, AND SMOKING ARE PROHIBITED IN WORK AREAS.
<b>SAFE STORAGE CONDITIONS</b> STORE IN CLOSED, PROPERLY LABELED CONTAINERS IN VENTILATED AREAS.	<b>INCOMPATIBLE MATERIALS</b> OXIDIZING AGENTS

## SECTION VIII - EXPOSURE CONTROLS/ PERSONAL PROTECTION

<b>EXPOSE GUIDELINES</b> CONTAINS NO SUBSTANCES WITH OCCUPATIONAL EXPOSURE LIMIT VALUES.	<b>APPROPRIATE ENGINEERING CONTROLS</b> EXPLOSION-PROOF GENERAL AND LOCAL EXHAUST VENTILATION. USE EXPLOSION PROOF ELECTRICAL EQUIPMENT FOR VERY HIGH DUST LEVELS. ENSURE VENTILATION AND DUST-HANDLING SYSTEMS PREVENT THE ESCAPE OF DUST INTO WORK AREAS AND THERE IS NO LEAKAGE FROM EQUIPMENT.
<b>SPECIAL REQUIREMENTS FOR PPE</b> RESPIRATORY PROTECTION - NUISANCE DUST MASK. EYE/ PROTECTION- WEAR SAFETY GLASSES OR GOGGLES WITH SIDE SHIELDS. SKIN PROTECTION- WEAR PVC OR NITRILE RUBBER GLOVES. GENERAL HYGIENE - HANDLE WITH INDUSTRIAL HYGIENE/SAFETY PRACTICES.	<b>RECOMMENDATIONS FOR PERSONAL PROTECTIVE MEASURES</b> EYE/ FACE PROTECTION - SAFETY GLASSES, GOGGLES AND/OR A FACE SHIELD. SKIN PROTECTION - USE GLOVES , WEAR RUBBER BOOTS/SHOES OR TYVCE PROTECTIVE SUIT. BODY PROTECTION - WASH HANDS, FOREARMS AND FACE THOROUGHLY AFTER HANDLING PRODUCTS. APPROPRIATE TECHNIQUES SHOULD BE USED TO REMOVE POTENTIALLY CONTAMINATED CLOTHING.

## SECTION IX - PHYSICAL AND CHEMICAL PROPERTIES

<b>PHYSICAL STATE</b> - GRANULAR		<b>EVAPORATION RATE</b> - N/D	<b>FLAMMABILITY (SOLID, GAS)</b> -N/D	<b>VAPOR DENSITY</b> - N/A
<b>ODOR THRESHOLD</b> - N/D	<b>PH</b> - 4-8	<b>SPECIFIC GRAVITY</b> - 1.5 (1=WATER)	<b>FLASH POINT</b> - N/A	<b>VAPOR PRESSURE</b> - N/A
<b>ODOR</b> - NO ODOR	<b>WATER SOLUBILITY</b> - INSOLUBLE	<b>SOLUBILITY IN OTHER SOLVENTS</b> - N/D		<b>DYNAMIC VISCOSITY</b> - N/A
<b>COLOR</b> - VARIOUS	<b>UPPER FLAMMABILITY LIMITS</b> - N/A	<b>LOWER FLAMMABILITY</b> - N/A	<b>KINEMATIC VISCOSITY</b> - N/A	
<b>APPEARANCE</b> - GRANULES ONE OR SEVERAL COLORS		<b>PARTITION COEFFICIENT</b> - N/D	<b>AUTO-IGNITION</b> - N/D	
<b>EXPLOSIVE PROPERTIES</b> - DUST CAN FORM AN EXPLOSIVE MIXTURE WITH AIR.			<b>DECOMPOSITION TEMPERATURE</b> - N/D	
<b>MELTING POINT/ FREEZING POINT</b> - N/A		<b>BOILING POINT/BOILING RANGE</b> - N/A	<b>OXIDIZING PROPERTIES</b> - N/D	

## SECTION X - STABILITY AND REACTIVITY

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

## SECTION XI - TOXICOLOGICAL INFORMATION

<b>INFORMATION ON PHYSICAL, CHEMICAL AND TOXICOLOGICAL EFFECTS</b> SEE SECTION 4 OF SDS FOR SYMPTOMS.	<b>EYE CONTACT</b>		
<b>CARCINOGENICITY DELAYED AND IMMEDIATE EFFECTS</b> DOES NOT CONTAIN ANY CARCINOGENS EFFECTS.	AVOID CONTACT WITH EYE.		
<b>CARCINOGENICITY CHRONIC EFFECTS FROM SHORT AND LONG TERM EXPPSURE</b> DOES NOT CONTAIN ANY POTENTIAL CARCINOGENS EFFECTS AS LISTED BY OSHA, IARC, OR NTP.	<b>SKIN CONTACT</b>		
<b>NUMERICAL MEASURES OF TOXICITY</b> NOT DETERMINED	AVOID CONTACT WITH SKIN.		
<b>CHEMICAL NAME</b>	<b>INHALATION</b>		
<b>ORAL LD50</b>	AVOID INHALATION OF DUST.		
<b>DERMAL LD50</b>	<b>INGESTION</b>		
<b>INHALATION LC50</b>	DO NOT TASTE OR SWALLOW.		
POLYMERIZED UREA MOLDING COMPOUND 9011-05-6	8394 MG/KG (RAT)	> 2100 MG/KG (RAT)	> 167 MG/M3 (RAT) 4 H

## SECTION XII - ECOLOGICAL INFORMATION

<b>ECOTOXICITY</b>	<b>COMPONENT INFORMATION</b>
THE PRODUCT IS NOT CLASSIFIED AS ENVIRONMENTALLY HAZARDOUS. HOWEVER, THAT DOES NOT EXCLUDE THE POSSIBILITY THAT LARGE OR FREQUENT SPILLS CAN HAVE A HARMFUL OR DAMAGING EFFECT ON THE ENVIRONMENT.	NOT DETERMINED
<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

<b>DISPOSAL OF WASTES</b>
DISPOSAL SHOULD BE IN ACCORDANCE WITH APPLICABLE REGIONAL, NATIONAL AND LOCAL LAWS AND REGULATIONS.
<b>CONTAMINATED PACKAGING</b>
DISPOSAL SHOULD BE IN ACCORDANCE WITH APPLICABLE REGIONAL, NATIONAL AND LOCAL LAWS AND REGULATIONS.

## SECTION XIV - TRANSPORT INFORMATION

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

## SECTION XV - REGULATORY INFORMATION

### INTERNATIONAL INVENTORIES

CHEMICAL NAME	TSCA	DSL	EINECS	ELINCS	ENCS	IECSC	KECL	PICCS	AICS
POLYMERIZED UREA MOLDING COMPOUND	PRESENT	X			PRESENT	X	PRESENT	X	X
PIGMENTS / ADDITIVES	PRESENT	X	PRESENT			X	PRESENT	X	X
<b>TSCA</b>	UNITED STATES TOXIC SUBSTANCES CONTROL ACT SECTION 8(B) INVENTORY				<b>CWA(CLEAN WATER ACT)</b>				
<b>DSL</b>	CANADIAN DOMESTIC SUBSTANCES LIST				THIS PRODUCT DOES NOT CONTAIN SUBSTANCES REGULATED AS POLLUTANTS PURSUANT TO THE CLEAN WATER ACT.				
<b>EINECS/ELINCS</b>	EUROPEAN INVENTORY OF EXISTING CHEMICAL SUBSTANCES/EUROPEAN LIST OF NOTIFIED CHEMICAL SUBSTANCES						<b>SARA 313</b>		NOT DETERMINED
<b>ENCS</b>	JAPAN EXISTING AND NEW CHEMICAL SUBSTANCES				<b>CERCLA</b>				
<b>IECSC</b>	CHINA INVENTORY OF EXISTING CHEMICAL SUBSTANCES				THIS MATERIAL, AS SUPPLIED, DOES NOT CONTAIN ANY SUBSTANCES REGULATED AS HAZARDOUS SUBSTANCES UNDER THE COMPREHENSIVE ENVIRONMENTAL RESPONSE COMPENSATION AND LIABILITY ACT OR THE SUPERFUND AMENDMENTS AND REAUTHORIZATION.				
<b>KECL</b>	KOREAN EXISTING AND EVALUATED CHEMICAL SUBSTANCES								
<b>PICCS</b>	PHILIPPINES INVENTORY OF CHEMICAL AND CHEMICAL SUBSTANCES				<b>U.S. STATE RIGHT-TO-KNOW REGULATIONS</b>				
<b>AICS</b>	AUSTRALIAN INVENTORY OF CHEMICAL SUBSTANCES				THIS PRODUCT DOES NOT CONTAIN SUBSTANCES REGULATED AS POLLUTANTS PURSUANT TO THE CLEAN WATER ACT.				

## SECTION XVI - OTHER INFORMATION

<b>ADDITIONAL PRODUCT INFORMATION</b>				
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.				
<b>NFPA</b>	<b>HEALTH HAZARDS - N/D</b>	<b>FLAMMABILITY - N/D</b>	<b>INSTABILITY - N/D</b>	<b>SPECIAL HAZARDS - N/D</b>
<b>HMIS</b>	<b>HEALTH HAZARDS - N/D</b>	<b>FLAMMABILITY - N/D</b>	<b>PHYSICAL HAZARDS - N/D</b>	<b>PERSONAL PROTECTION - N/D</b>

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