



Quality, High Performance Plastic Blast Media

SECTION I - IDENTIFICATION

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	RECOMMENDED USE INDUSTRIAL CLEANING, BLASTING AND COATING REMOVAL.
HAZARD CLASSES (as applicable) NON-REGULATED	CHEMICAL FAMILY THERMOSET UREA COMPOUND-CROSSLINKED

SECTION II - HAZARDS IDENTIFICATION (list all ingredients)

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

SECTION III - COMPOSITION/ INFORMATION ON INGREDIENTS

SYNONYMS	THERMOSET UREA COMPOUND-CROSSLINKED	
CHEMICAL FAMILY	THERMOSET PLASTICS	
FORMULA	UREA POLMERIZED/RESISTAT.	
CHEMICAL NAME(S)	CAS REGISTRY NO.	APPROX. WEIGHT PERCENTAGE
POLYMERIZED UREA MOLDING COMPOUND	5/6/9011	>97
PIGMENTS AND ADDITIVES	PROPRIETARY	<2
RESISTAT (ANTI-STATIC AGENT)	002764-13-8	<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

FIRST AID MEASURES	MOST IMPORTANT SYMPTOMS AND EFFECTS
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.	IMMEDIATE MEDICAL ATTENTION & SPECIAL TREATMENT NEEDED
INHALATION - IF SWALLOWED, GIVE LARGE AMOUNTS OF WATER.	TREAT SYMPTOMATICALLY.

SECTION V - FIRE FIGHTING MEASURES

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

SECTION VI - ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS WEAR PROTECTIVE CLOTHING.	METHODS FOR CONTAINMENT PREVENT FURTHER LEAKAGE OR SPILLAGE.
METHODS FOR CLEAN UP 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

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

SECTION VIII - EXPOSURE CONTROLS/ PERSONAL PROTECTION

EXPOSE GUIDELINES CONTAINS NO SUBSTANCES WITH OCCUPATIONAL EXPOSURE LIMIT VALUES.	APPROPRIATE ENGINEERING CONTROLS 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.
SPECIAL REQUIREMENTS FOR PPE 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.	RECOMMENDATIONS FOR PERSONAL PROTECTIVE MEASURES 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

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

SECTION X - STABILITY AND REACTIVITY

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

SECTION XI - TOXICOLOGICAL INFORMATION

INFORMATION ON PHYSICAL, CHEMICAL AND TOXICOLOGICAL EFFECTS SEE SECTION 4 OF SDS FOR SYMPTOMS.		EYE CONTACT AVOID CONTACT WITH EYE.	
CARCINOGENICITY DELAYED AND IMMEDIATE EFFECTS DOES NOT CONTAIN ANY CARCINOGENS EFFECTS.		SKIN CONTACT AVOID CONTACT WITH SKIN.	
CARCINOGENICITY CHRONIC EFFECTS FROM SHORT AND LONG TERM EXPPSURE DOES NOT CONTAIN ANY POTENTIAL CARCINOGENS EFFECTS AS LISTED BY OSHA, IARC, OR NTP.		INHALATION AVOID INHALATION OF DUST.	
NUMERICAL MEASURES OF TOXICITY NOT DETERMINED		INGESTION DO NOT TASTE OR SWALLOW.	
CHEMICAL NAME	ORAL LD50	DERMAL LD50	INHALATION LC50
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

ECOTOXICITY	COMPONENT INFORMATION
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
PERSISTENCE/DEGRADABILITY	BIOACCUMULATION
NOT DETERMINED	NOT DETERMINED
MOBILITY	OTHER ADVERSE EFFECTS
NOT DETERMINED	NOT DETERMINED

SECTION XIII - DISPOSAL CONSIDERATIONS

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

SECTION XIV - TRANSPORT INFORMATION

NOTE			
SEE CURRENT SHIPPING PAPER FOR MOST UP TO DATE SHIPPING INFORMATION, INCLUDING EXEMPTIONS AND SPECIAL CIRCUMSTANCES.			
IATA -	NOT REGULATED	IMDG	NOT REGULATED
		DOT	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
TSCA	UNITED STATES TOXIC SUBSTANCES CONTROL ACT SECTION 8(B) INVENTORY				CWA(CLEAN WATER ACT)				
DSL	CANADIAN DOMESTIC SUBSTANCES LIST				THIS PRODUCT DOES NOT CONTAIN SUBSTANCES REGULATED AS POLLUTANTS PURSUANT TO THE CLEAN WATER ACT.				
EINECS/ELINCS	EUROPEAN INVENTORY OF EXISTING CHEMICAL SUBSTANCES/EUROPEAN LIST OF NOTIFIED CHEMICAL SUBSTANCES						SARA 313		
							DETERMINED NOT		
ENCS	JAPAN EXISTING AND NEW CHEMICAL SUBSTANCES				CERCLA				
IECSC	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.				
KECL	KOREAN EXISTING AND EVALUATED CHEMICAL SUBSTANCES								
PICCS	PHILIPPINES INVENTORY OF CHEMICAL AND CHEMICAL SUBSTANCES				U.S. STATE RIGHT-TO-KNOW REGULATIONS				
AICS	AUSTRALIAN INVENTORY OF CHEMICAL SUBSTANCES				THIS PRODUCT DOES NOT CONTAIN SUBSTANCES REGULATED AS POLLUTANTS PURSUANT TO THE CLEAN WATER ACT.				

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 - N/D	FLAMMABILITY - N/D	INSTABILITY - N/D	SPECIAL HAZARDS - N/D
HMIS	HEALTH HAZARDS - N/D	FLAMMABILITY - N/D	PHYSICAL HAZARDS - N/D	PERSONAL PROTECTION - N/D

DISCLAIMER

THIS 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.

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