

MATERIAL SAFETY DATA SHEET**Technical Polymers****Ecomass Compound 1066ZD96**

SECTION 1 - GENERAL								
Manufacturer's Name		Technical Polymers		Emergency Telephone No.	770-237-2311			
Address		4917 Golden Parkway, Suite 300 Buford, GA 30518		Other Information Calls	770-237-2311			
Signature of Person			Date		5-Jul-04			
SECTION 2 - IDENTITY								
Common Name: (used on label)		<u>Ecomass Compound 1066ZD96</u>						
(Trade Name & Synonyms):		CAS No.	77402-38-1 7440-33-7					
Chemical Name:	Plastic Compound (Mixture)		Chemical Family:	Polyamide				
Formula:	Proprietary		Refractory Metal					
SECTION 3 - HAZARDOUS INGREDIENTS								
Principal Hazardous Component (s) (Chemical and Common Name (s))		%	Threshold Limit Value (units)					
This material has not been evaluated as a whole. All ingredients are bound in a polymer matrix and potential for hazardous exposure as shipped is minimal. However, some fumes may be released upon heating and the end-user (fabricator) must take the necessary precautions (mechanical ventilation, respirator program, etc.) to protect his employees from exposure. (See Section 8 - Special Precautions.) The following ingredients are considered hazardous per OSHA 1910.1200:								
Metallic Powder			Nuisance dust					
If Chemical is not specifically identified, it is considered proprietary.								
SECTION 4 - PHYSICAL & CHEMICAL CHARACTERISTICS (FIRE & EXPLOSION DATA)								
Boiling Point	N/A		Specific Gravity	9 - 11	Vapor Pressure (mm Hg)	N/A		
Percent Volatile by Volume (%)	N/A		Vapor Density (Air = 1)	Solid		Evaporation (_____ = 1)	Solid	
Solubility in Water	Insoluble		Reactivity in Water	None Known		Flash Point	N/A	
Flammable limits in air by Volume	LEL	N/A	UEL	N/A	Extinguisher Media	All Common	Auto-Ignition Temperature	N/A
Appearance and Odor:	Gray pellet, slight odor							
Special Fire Fighting Procedures	Self-contained breathing apparatus should be worn to prevent inhalation of smoke and decomposition products in the event the material should burn.							

MATERIAL SAFETY DATA SHEET**Technical Polymers****Ecomass Compound 1066ZD96**

SECTION 5 - PHYSICAL HAZARDS									
Stability		Unstable		Conditions		Incompatibility		None Known	
		Stable		to Avoid		(Materials			
		X		NA		to Avoid)			
Hazardous		Trace amounts							
Decomposition Products		oxides of C, N, P and S (combustion)							
Hazardous		May Occur		Conditions					
Polymerization		Will Not Occur		to Avoid		None			
		X							
SECTION 6 - HEALTH HAZARDS (SEE SECTION 3)									
Threshold		Signs & Symptoms		1. Acute		None		2. Chronic	
Limit Value		of Exposure		Overexposure		Known		Overexposure	
		None		None				None	
Medical Conditions									
Generally Aggravated									
by Exposure		None Known							
Chemical Listed as									
Carcinogen National				I.A.R.C.					
Technology or Potential		Yes		Mono-		Yes		OSHA	
Carcinogen Program		No		graphs		No		Yes	
		X				X		No	
								X	
OSHA Permissible				ACGIH Threshold				Other Exposure	
Exposure Limit		N/A		Limit Value		N/A		Limit Used	
								N/A	
Emergency and First									
Aid Procedures		1. Inhalation		No known effects. If respiratory irritation occurs, move to fresh air and consult physician.					
		2. Eyes		No known effects. If irritation occurs, consult physician.					
		3. Skin		No known effects. If irritation occurs, consult physician.					
		4. Ingestion		No known effects. If irritation occurs, consult physician.					
SECTION 7 - SPECIAL PROTECTION INFORMATION									
Respiratory Protection									
(Specify Type)		May be necessary if mechanical ventilation is insufficient.							
Ventilation		Yes		Local		Yes		Mechanical	
				Exhaust				General	
								Yes	
								Special and/or	
								Other	
								No	
Protective				Eye					
Gloves		No		Protection		No			
Other Protective									
Clothing or Equipment		No							

MATERIAL SAFETY DATA SHEET**Technical Polymers****Ecomass Compound 1066ZD96**

SECTION 8 - SPECIAL PRECAUTIONS AND SPILL/LEAK PROCEDURES	
Precautions to be Taken in Handling and Storage	Typical precautions for thermoplastic composite materials in pellet form.
Other Precautions	Upon heating some fumes may be released. ADEQUATE mechanical ventilation and/or a properly maintained respiratory protection program is required. DO NOT PUT IN MOUTH.
Steps to be Taken in Case Material is Released or Spilled	Scoop or shovel material and return to original container. See Section 9 for Applicable State and Federal regulations.
Waste Disposal Methods	Dispose of in accordance with all Local, State and Federal regulations.
SECTION 9 - REGULATORY INFORMATION	
The following ingredients of this mixture are reportable as listed under Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA) and 40 CFR Part 372:	
	None
The user must determine whether a report is required to EPA for any amounts of this material disposed of or otherwise released to into the environment.	
NOTICE:	This notification must remain attached to its accompanying MSDS. If the MSDS is copied or redistributed, a copy of this notification must also be attached.

Information presented herein has been compiled from sources to be dependable and is accurate and reliable to the best of our knowledge and belief but is not guaranteed to be so. Information is supplied upon the condition that the persons receiving same will make their own determination as to its suitability for their purposes prior to use, and since conditions of use are not under our control, we must necessarily disclaim all liability with respect to the use of this material.