

MATERIAL SAFETY DATA SHEET**Technical Polymers****Ecomass Compound 1850ZD96**

SECTION 1 - GENERAL					
Manufacturer's Name		Technical Polymers		Emergency Telephone No. 770-237-2311	
Address		4917 Golden Pkwy. Suite 300 Buford, GA 30518		Other Information Calls 770-237-2311	
Signature of Person				Date 5-Jan-06	
SECTION 2 - IDENTITY					
Common Name: (used on label)		<u>Ecomass Compound 1850ZD96</u>			
(Trade Name & Synonyms):				CAS No. 25038-54-4 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	
Percent Volatile by Volume (%)		N/A		Vapor Density (Air = 1) Solid	
Solubility in Water		Insoluble		Reactivity in Water None Known	
Flash Point				Flash Point N/A	
Flammable limits in air by Volume		LEL Lower N/A		UEL Upper 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.			

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SECTION 5 - PHYSICAL HAZARDS							
Stability	Unstable		Conditions		Incompatibility	None Known	
	Stable	X	to Avoid	NA	(Materials to Avoid)		
Hazardous Decomposition Products	Trace amounts oxides of C, N, P and S (combustion)						
Hazardous Polymerization	May Occur		Conditions				
	Will Not Occur	X	to Avoid	None			
SECTION 6 - HEALTH HAZARDS (SEE SECTION 3)							
Threshold Limit Value	None	Signs & Symptoms of Exposure	None	1. Acute Overexposure	None Known	2. Chronic Overexposure	None Known
Medical Conditions Generally Aggravated by Exposure	None Known						
Chemical Listed as Carcinogen National Technology or Potential Carcinogen Program	Yes		I.A.R.C. Mono-graphs	Yes	OSHA	Yes	
	No	X		No	X	No	X
OSHA Permissible Exposure Limit	N/A	ACGIH Threshold Limit Value	N/A	Other Exposure 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 Exhaust	Yes	Mechanical General	Yes	Special and/or Other	No
Protective Gloves	No	Eye Protection	No				
Other Protective Clothing or Equipment	No						

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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.