

MATERIAL SAFETY DATA SHEET**PolyFrang MIP Compound**

SECTION 1 - GENERAL			
Manufacturer's Name	PolyFrang, LLC	Emergency Telephone No.	(909) 946-8369
Address	3013 Old Orchard Lane Parrish, FL 34219	Other Information Calls	(909) 946-8369
Signature of Person	<i>Richard Pumerantz</i>	Date	16-Feb-2010
SECTION 2 - IDENTITY			
Common Name: (used on label)	<u>PolyFrang MIP</u>		
(Trade Name & Synonyms):		CAS No.	N/A
Chemical Name:	Plastic Compound (Mixture)	Chemical Family:	Polyamide
Formula:	Copper Powder Proprietary		Metal Powder
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	5 - 7
Percent Volatile by Volume (%)	N/A	Vapor Density (Air = 1)	Solid
Solubility in Water	Insoluble	Reactivity in Water	None Known
Flammable limits in air by Volume	LEL Lower N/A	UEL Upper N/A	Extinguisher Media All Common
Appearance and Odor:	Copper colored 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			to Avoid		(Materials to Avoid)				
		X			NA						
Hazardous Decomposition Products		Trace amounts oxides of C, N, P and S (combustion)									
Hazardous Polymerization		May Occur			Conditions						
		Will Not Occur			to Avoid		None				
		X									
SECTION 6 - HEALTH HAZARDS (SEE SECTION 3)											
Threshold Limit Value		None			Signs & Symptoms of Exposure		1. Acute Overexposure		None Known		
					None		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	
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	
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:	
	Copper CERCLA RQ = 5000 lbs
For metals listed under CERCLA (antimony, arsenic, beryllium, cadmium, chromium, copper, lead, nickel, selenium, silver, thallium, and zinc), no reporting of releases of the solid form is required if the mean diameter of the pieces of the solid metal released is greater than 100 micrometers (0.004 inches). The RQs shown on the consolidated list apply to smaller particles.	
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.