

## 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	5-Feb-06
SECTION 2 - IDENTITY			
Common Name: (used on label) (Trade Name & Synonyms):	<u>PolyFrang MIP Compound</u>	CAS No.	N/A
Chemical Name:	Plastic Compound (Mixture) Copper Powder	Chemical Family:	Polyamide Refractory Metal
Formula:	Proprietary		
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:			
	<b>Metallic Powder</b>		<b>Nuisance dust</b>
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 - 6
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.		
			Vapor Pressure (mm Hg) N/A
			Evaporation (_____ = 1) Solid
			Flash Point N/A
			Auto-Ignition Temperature N/A

**MATERIAL SAFETY DATA SHEET****PolyFrang MIP Compound**

<b>SECTION 5 - PHYSICAL HAZARDS</b>							
Stability	Unstable Stable	X	Conditions to Avoid	NA	Incompatibility (Materials to Avoid)	None Known	
Hazardous Decomposition Products	Trace amounts oxides of C, N, P and S (combustion)						
Hazardous Polymerization	May Occur Will Not Occur	X	Conditions to Avoid	None			
<b>SECTION 6 - HEALTH HAZARDS (SEE SECTION 3)</b>							
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 No	X	I.A.R.C. Mono- graphs	Yes No	X	OSHA	Yes 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.						
<b>SECTION 7 - SPECIAL PROTECTION INFORMATION</b>							
Respiratory Protection (Specify Type)	May be necessary if mechanical ventilation is insufficient.						
Ventilation	Yes	Local Exhaust	Yes	Mechanical General	Yes	Special Other	and/or No
Protective Gloves	No	Eye Protection	No				
Other Protective Clothing or Equipment	No						

**MATERIAL SAFETY DATA SHEET****PolyFrang MIP Compound**

<b>SECTION 8 - SPECIAL PRECAUTIONS AND SPILL/LEAK PROCEDURES</b>	
<b>Precautions to be Taken in Handling and Storage</b>	
<b>Other Precautions</b>	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.
<b>Steps to be Taken in Case Material is Released or Spilled</b>	Scoop or shovel material and return to original container. See Section 9 for Applicable State and Federal regulations.
<b>Waste Disposal Methods</b>	Dispose of in accordance with all Local, State and Federal regulations.
<b>SECTION 9 - REGULATORY INFORMATION</b>	
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
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.	
<b>NOTICE:</b>	<b>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.</b>

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.