

MATERIAL SAFETY DATA SHEET

COOPER CLAD

EFFECTIVE DATE	December 26, 2006
REVISED DATE	September 13, 2011
TRADE NAME	Copper Clad
CHEMICAL FAMILY	
CHEMICAL FORMUA	Epoxy resin reinforced with glass cloth
SECTION II - HAZARDOUS INGREDIENTS	
HAZARDOUS COMPONENTS	
SECTION III - PHYSICAL DATA	
BOILING POINT (F)	N/A
FREEZING POINT (F)	
VOLATILITY / VOLUME (%)	0.05
MELTING POINT	
VAPOR PRESSURE (mmHg)	N/A
VAPOR DENSITY (Air=1)	N/A
SOLUBILITY IN H2O	Insoluble
APPEARANCE / ODOR	No odor, may be clad in copper foil, dense board
SPECIFIC GRAVITY (H2O=1)	1.15 - 1.40 (NPG-B) ----- 1.80 - 1.90 (UV Block FR-4-86)
ACIDITY	
SECTION IV- FIRE AND EXPLOSION HAZARD DATA	
FLASH POINT	N/A
LOWER FLAME POINT	
HIGHER FLAME POINT	
EXTINGUISH MEDIA FOR FIRE	Water, preferably spray or foam Firefighters should wear self-contained positive pressure breathing apparatus and protective clothing
UNUSUAL FIRE HAZARD	Formaldehyde, carbon monoxide smoke and soot can be released while burning
SECTION V- HEALTH HAZARD DATA	
HEALTH HAZARD	
THRESHOLD LIMIT VALUE OVER EXPOSURE EFFECTS	None established N/A
SECTION VI - REACTIVITY DATA	
CHEMICAL STABILITY	Stable
CONDITIONS TO AVOID	Attacked slowly oxidizing agents will decompose as a function of time over 125 centigrade.



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SECTION VI - REACTIVITY DATA - CONTINUED

INCOMPATIBLE MATERIALS	Reduces strong oxidizing agents
DECOMPOSITION PRODUCTS	None at temperatures below 125 centigrade

HAZARDOUS POLYMERIZATIONS	Will not occur
POLYMERIZATION AVOID	

SECTION VII - SPILL OR LEAK PROCEDURE

FOR SPILL	N/A
WASTE DISPOSAL METHOD	Incineration or secure landfill

SPECIAL VIII - SPECIAL PROTECTION

RESPIRATORY PROTECTION	NIOSH/MSHA approved dust mask or good local exhaust are needed if fine particles are generated.
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VENTILATION

PROTECTIVE GLOVES	Not essential but may be desirable to protect from skin abrasion
EYE PROTECTION	Safety glasses / shields to protect from flying chips

OTHER PROTECTIVE EQUIPMENT
HANDLING AND STORAGE

SECTION IX - SPECIAL PRECAUTIONS

HAZARD CLASS
DOT SHIPPING NAME
REPORTABLE QUANTITY (RQ)
UN NUMBER NA#
NA#
PACKAGING SIZE

Notes:

All information recommendations and suggestions appearing herein concerning this product are based upon data obtained from the manufacturer and/or recognized technical sources. It is the user's responsibility to determine the Safety, Toxicity and suitability of his/her own use, handling and disposal request. Since actual use by others is beyond our control, no warranty, expressed or implied, is made by Polymer Plastics Company L.C. as to effects of such use. The results to be obtained or the safety and toxicity of the product, nor does Polymer Plastics Company L.C. assume any liability arising out of use by others of the product referred to herein. The data in this MSDS relate only to the specific material designated herein and do not relate to use in combination with any other material or in any other process.

REFERENCES: N/A = Not Applicable, N/D = Not Determined, N.D.A. = No Date Available



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