

**Material Safety Data Sheet  
MF-510 Epoxy Resin (Uncured)**

GENERAL INFORMATION	
Product Name:	MF 510 Epoxy Resin (Uncured)
Product Description:	Microwave Absorber Coating
Manufacturer:	MWT Materials, Inc 90 Dayton Avenue Building 10, Suite 3I Passaic, NJ 07055
Emergency Phone Number:	+1 845-369-7808
Date Prepared:	June 11, 2009
Date Revised:	October 6, 2015

**SECTION 1 – PRODUCT IDENTIFICATION**

MF-510 Epoxy Resin

<i>Hazardous Ingredients</i>	<i>CAS #</i>	<i>Concentration</i>
Acetone	67-64-1	< 20%
Bisphenol-A type epoxy resin	25085-99-8	< 25%
Benzyl Alcohol	100-51-6	< 10%
Bisphenol-F type epoxy resin	28064-14-4	< 10%
Ethylene glycol monobutyl ether	111-76-2	< 0.3%

**SECTION 2 – PHYSICAL / CHEMICAL CHARACTERISTICS**

Appearance and Colors:	Charcoal Gray
Boiling Point:	197 F
Specific Gravity:	2.01
Vapor Density	< Butyl Acetate
Solubility in Water:	NA
Weight	17 pounds per gallon

### SECTION 3 – FIRE AND EXPLOSION HAZARD DATA

Flash Point: > 145 F  
Lower Explosive Limit: NA  
Upper Explosive Limit: NA  
Extinguishing Media: Media suitable for surrounding fire (Water, CO2, Foam, etc.)  
Unusual Fire and Explosion hazards: In a sustained fire, combustible decomposition products may be released

### SECTION 4 – REACTIVITY DATA

Stability: Yes  
Conditions to Avoid: Heat – Avoid moisture during storage  
Materials to Avoid: Strong Acids and Bases  
Hazardous Decomposition Products: Carbon Dioxide, Carbon Monoxide, Hydrogen chloride and low molecular weight hydrocarbon gas may be released.  
Polymerization: None

### SECTION 5 – HEALTH HAZARD DATA

LD50-LC-50: None  
Routes of Entry: Inhalation – Yes                      Skin – Yes                      Ingestion – Yes  
Health Hazards: Acute and Chronic  
Inhalation      Breathing of vapors may affect central nervous system.  
Skin              Contact with paint, and may cause mechanical irritation and dermatitis.  
Ingestion      Ingestion may affect central nervous system.  
Contact medical help immediately  
Carcinogenicity: None per NTP, IARC, and OSHA  
Signs/Symptoms of overexposure:  
Inhalation-irritation of airways, difficulty breathing  
Skin – mechanical irritation or dermatitis

### SECTION 6 – PRECAUTIONARY MEASURES FOR SAFE HANDLING AND USE

Avoid contact with uncured material  
Neutralizing Agent: NA  
Precautions for Handling      Store in dry area

### SECTION 7 – EMERGENCY AND FIRST AID PROCEDURES

Emergency First Aid  
Inhalation – move to fresh air, get medical attention  
Skin – flush with cool water followed by treatment for irritation  
Eyes – Wash thoroughly with large amounts of water for at least 15 minutes.  
Ingestion – Do not induce vomiting. Seek medical help immediately

## **SECTION 8 – OCCUPATIONAL EXPOSURE CONTROL**

Occupational exposure control relates only to uncured coating. Cured material in good condition provides no exposure

Eye Protection – Goggles

Ventilation – Normal area ventilation is sufficient in most cases to keep solvent levels below PEL

Skin – Gloves.

## **SECTION 9 – SPILL, LEAK AND DISPOSAL INFORMATION**

Spill and Leak: Contain and collect for disposal

Disposal: Dispose of in accordance with Local, State, and Federal Laws. Do not incinerate.

## **SECTION 10 – CORPORATE NOTICE**

MWT Materials Inc. warrants that this information is accurate to the best of its knowledge. No guarantee of accuracy is made.