



MWT Materials, Inc.

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Material Safety Data Sheet MF-500 Epoxy Resin 105

GENERAL INFORMATION

Product Name: MF 500 Epoxy Resin 105
Product Description: Microwave Absorber Coating
Manufacturer: Millimeter Wave Technology, Inc.
90 Dayton Avenue, Suite 6E
Passaic, NJ 07055

Emergency Phone Number: 845-369-7808

Date Prepared: June 11, 2009

Date Revised: June 11, 2009

SECTION 1 – PRODUCT IDENTIFICATION

MF-500 Epoxy Resin 105

<i>Hazardous Ingredients</i>	<i>CAS #</i>	<i>Concentration</i>
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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

Millimeter Wave Technology, Inc. warrants that this information is accurate to the best of its knowledge. No guarantee of accuracy is made.