

Safety Data Sheet

MF 510 Microwave Absorber Coating

Section 1: Identification

Product Name: MF 510 Microwave Absorbing Coating
Manufacturer: MWT Materials, Inc.
Emergency Phone Number: 1-973-928-8300

Section 2: Hazard Identification

Non Flammable

Section 3: Composition / Information on Ingredients

Non Hazardous ingredients n/a (proprietary)

Section 4: First Aid Measures

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 5: Fire Fighting Measures

Firefighting Media: Suitable for surrounding fire (water, CO₂, foam, etc.)
Flash point: 145 F
Lower explosive limit: NA
Upper explosive limit: NA
Unusual fire hazards: In a sustained fire, combustible decomposition products may be released

Section 6: Accidental Release Measures

Spill and Leak: Contain and collect for disposal
Disposal: Dispose in accordance with local, state, and federal law. Do not incinerate

Section 7: Handling and Storage

Neutralizing Agent: NA
Handling Precautions: Store in dry area

Section 8: Exposure Controls/ Personal Protection

Cured coating in good condition provides no exposure
Occupational exposure control relates only to uncured coating.
Eye Protection: Goggles
Ventilation: Normal area ventilation sufficient to keep solvent below OSHA PE:
Skin: Gloves

Section 9: Physical and Chemical Properties

Appearance and Color: Gray Liquid

Boiling Point: > 197 F

Specific Gravity: 2.01 gr/cc

Vapor Density: < Butyl Acetate

Solubility in Water: None

Weight: 17 pounds per gallon

Section 10: Stability and Reactivity

Stability: Stable

Conditions to Avoid: Heat and moisture during storage

Materials to Avoid: None

Polymerization: None

Hazardous Decomposition Products: Carbon Dioxide, Carbon Monoxide, Low MW Hydrocarbon gas

Section 11: Toxicological Information

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 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 12: Ecological Information

No Relevant Data

Section 13: Disposal Considerations

Spill and Leak: Contain and collect for disposal

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

Section 14: Transport Information

DOT , IATA and IMDG: Non-hazardous

Section 15: Regulatory Information

Not Applicable

Section 16: Other Information

Date of Latest Revision: Aug 25, 2016