

Safety Data Sheet: MF-500 Microwave Absorber Coating

Section 1: Identification

Product Name: MF 500 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

Mineral Spirits	cas # 8052-41-3	contains < 5%	OSHA PEL 500 ppm
Non Hazardous ingredients	n/a (proprietary)	>95%	

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

Occupational exposure control relates only to uncured coating. Cured coating in good condition provides no exposure
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	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 Non-hazardous
IATA Non-hazardous
IMDG Non-hazardous

Section 15: Regulatory Information

Not Applicable

Section 16: Other Information

Date of Latest Revision: Oct 26, 2016