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-LC50**: 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