

**Material Safety Data Sheet  
MF-500 Urethane**

**GENERAL INFORMATION**

Product Name: MF 500 Urethane  
 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: April 18, 1997  
 Date Revised: October 6, 2015

**SECTION 1 - PRODUCT IDENTIFICATION**

MF-500 Microwave Absorber Coating

***Hazardous Ingredients***

Mineral Spirits ppm	cas # 8052-41-3	contains <5%	OSHA PEL 500
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**SECTION 2 - PHYSICAL / CHEMICAL CHARACTERISTICS**

Appearance and Colors: Gray		Charcoal 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: None  
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.