

**Material Safety Data Sheet
MF-520 Silicone (uncured)**

GENERAL INFORMATION	
Product Name:	MF 520 Silicone (uncured)
Product Description:	Microwave Absorber Coating (Silicone based 2-part system)
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-520 Silicone Microwave Absorber Coating

Hazardous Ingredients

N/A

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:	None
Hazardous Decomposition Products:	Carbon Dioxide, Carbon Monoxide may be released.
Polymerization:	yes

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.