

# Safety Data Sheet

**multicomp**PRO

## Section 1: Identification of the product and of the company/undertaking

### 1.1. Product identifier

Product name : Carbon Film Fixed Resistors

### 1.2. Details of the supplier of the safety data sheet

Premier Farnell  
150 Armley Road  
Leeds LS12 2QQ  
Tel. : +44 (0) 8701 202530

### Emergency telephone number

+44 1865 407333

## Section 2: General Composition

Part Name	Substance	CAS No.	Substance percent (%)
			1/2W-S
Ceramic Rod	Aluminium trioxide	1344-28-1	18.905
	Silica	14808-60-7	5.621
	Barium oxide	1304-28-5	1.532
Resistance Film	Carbon	7440-44-0	0.709
	Silicon	7440-21-3	0.283
End Cap	Iron	7439-89-6	15.645
	Carbon	7440-44-0	0.024
	Manganese	7439-96-5	0.095
	Phosphorus	7723-14-0	0.008
	Sulphur	7704-34-9	0.008
Lead Wire	Copper	7440-50-8	50.816
	Tin	7440-31-5	1.572
Insulation Coating	Epoxy resin	25085-99-8	2.527
	Calcium carbonate	471-34-1	1.149
	Titanium dioxide	13463-67-7	0.643
	Iron oxide	1309-37-1	0.046
	2-Cyclohexen-1-one	78-59-1	0.230
Colour code	Epoxy resin	25085-99-8	0.142
	Titanium dioxide	13463-67-7	0.047
Total			100

## Section 3: Hazards Identification

Primary Routes of Entry : Not applicable  
Signs and Symptoms of Exposure : Not applicable  
Medical Conditions  
Aggravated by Exposure : Not applicable  
Potential Health Effects Inhalation : Not applicable

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Skin Contact	: Not applicable
Eye Contact	: Not applicable
Long Term Exposure	: Not applicable
Ingestion	: Not applicable
Long Term Exposure	: Not applicable

## Section 4: First Aid Measures

Inhalation	: Not applicable
Skin Contact	: Not applicable
Eye Contact	: Not applicable
Ingestion	: Not applicable

## Section 5: Fire Fighting Measures

Flash Point	: Not applicable
Autoignition	: Not applicable
Flammability Limits (%)	: Not flammable
Extinguishing Media	: Water, Foam, Carbon dioxide or dry chemical.
Protective equipment	: Wear self-contained respiratory protective device. Wear fully protective suit.
Fire and Explosion Hazard	: No unusual fire or explosion hazards are known for this product.
Hazardous Combustion Products	: Oxides of carbon.

## Section 6: Accidental Release Measures

Transfer contaminated products to separate, suitable containers for recovery or disposal.  
Ventilate area and wash spill site after material pickup is complete.

## Section 7: Handling And Storage

Handling	: Prevent formation of dust.
Storage	: Store in a cool, dry place.

## Section 8: Exposure Controls/Personal Protection

Ventilation	: None required
Eye Protection	: None required
Protective Clothing	: Wear appropriate clothing.
Gloves	: Wear appropriate gloves to avoid any skin injury.
Breathing Equipment	: Use suitable respiratory protective device in case of insufficient ventilation.

## Section 9: Physical And Chemical Properties

Description	: This product is solid.
Melting Point	: Not applicable
Freezing Point	: Not applicable
Pressurized	: Not applicable
Boiling Point	: Not applicable
PH	: Not applicable
Specific Gravity (H2O=1)	: Not applicable

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Evaporation Rate : Not applicable  
Water Solubility : This product isn't water soluble.  
% Volatility : Not applicable

## Section 10: Stability And Reactivity

Conditions to Avoid : No decomposition if used according to specifications.  
Hazardous Decomposition : No dangerous decomposition products known.

## Section 11: Toxicology Information

Acute Toxicity : This product has not acutely toxic.

## Section 12: Ecological Information

Not applicable.

## Section 13: Disposal Information

Waste disposal should be in accordance with state and local environmental regulations.

## Section 14: Transportation Information

Transportation should be in accordance with state and local environmental regulations.

## Section 15: Regulatory Information

Not applicable

## Section 16: Other

NA

**Part Number**

MCF 0.5W 470R

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