

Section 1: Product Identification

Product name : Wire-Wound Fixed Resistors
Details of the Supplier : Premier Farnell plc
150 Armley Road, Leeds
LS12 2QQ
+44 (0) 8701 202530
Emergency Telephone : +44 1865 407333

Section 2: General Composition

Part name	Substance	CAS NO	Substance percent (%)		
			1W	2W-S	5W-S
Ceramic Rod	Aluminium trioxide	1344-28-1	29.95	28.89	41.14
	Silica	14808-60-7	8.91	8.59	12.23
	Barium oxide	1304-28-5	2.43	2.34	3.33
Resistance Wire	Nickel	7440-02-0	1.08	1.61	1.30
	Chromium	7440-47-3	0.27	0.40	0.33
End Cap	Iron	7439-89-6	15.82	15.26	12.58
	Copper	7440-50-8	2.41	2.33	1.92
	Tin	7440-31-5	1.95	1.88	1.55
Lead Wire	Copper	7440-50-8	29.01	27.98	14.81
	Tin	7440-31-5	0.90	0.87	0.46
Insulation Coating	Silicon resin	68554-66-5	0.84	1.14	1.1689
	Tridymite	15468-32-3	3.78	5.11	5.2632
	Aluminium oxide	1344-28-1	1.26	1.70	1.7544
	Muscovite	1318-94-1	0.42	0.57	0.5845
	Dichromium trioxide	1308-38-9	0.42	0.57	0.5845
	Titanium dioxide	13463-67-7	0.42	0.57	0.5845
Colour code	Epoxy resin	25085-99-8	0.11	0.14	0.31
	Titanium dioxide	13463-67-7	0.04	0.05	0.1
Total			100	100	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
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
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
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