

Safety Data Sheet

multicompPRO

1. Material and supplier

Product identifier

Product form : A single-pole single-throw (SPST) 3-position end stackable DIL Switch with through-hole terminal.

Details of the supplier of the safety data sheet

Premier Farnell plc
150 Armley Road, Leeds, LS12 2QQ
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Emergency telephone number

+44 1865 407333

2. Raw material

Name	Component Name	Material
COVER	EPC-04	PA9T2332 BK
STEM	EPS	LCP-30 E6006LMR white
CONTACT	EPA	C17200
		Gold-plated
BASE	EPH-04	PA9T2330 BK
TERMINAL	EPT-04	C2680R
		Gold-plated
		Nickel-Plating

3. Ingredient identification information

PA9T2332 BK		
Hazardous substance name	Concentration	(CAS No)
Polyamide 9T	39%	169284-22-4
Flame retardants (Brominated compound)	23%	88497-56-7
Glass Fiber	33%	65997-17-3
Additives	5%	Proprietary
Carbon black	<5%	1333-86-4
LCP-30 E6006LMR white		
Hazardous substance name	Concentration	(CAS No)
Aromatic polyester resin/aromatic polyester resin	45-75	60088-52-0
Glass Fiberglass fiber	25-55	65997-17-3
C17200		
Hazardous substance name	Concentration	(CAS No)
Copper	Surplus	7440-50-8
Cobalt	0.25%	7440-48-4
Beryllium	1.80 – 2.0	7440-41-7

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PA9T2330 BK		
Hazardous substance name	Concentration	(CAS No)
1,4-Benzendicarboxylic acid polymer with 2-meth1-1,8-octanediamine and 1,9-nonanediamine (PA9T)	20~60%	169284-22-4
Glass fiber	65997-17-3	65997-17-3
Polystyrene, brominated	88497-56-7	88497-56-7
Carbon black	1333-86-4	1333-86-4
C2680R		
Hazardous substance name	Concentration	(CAS No)
Cu	64~68%	7440-50-8
Zn	Surplus	7440-66-6
Pb	<0.05%	7439-92-1
Fe	<0.05%	7439-89-6
Gold-plated		
Hazardous substance name	Concentration	(CAS No)
Au	99.998	7440-57-5
Additives	0.002	NA
Nickel-Plating		
Hazardous substance name	Concentration	(CAS No)
Ni	>99%	7440-02-0
Additives	<1%	NA

4. Hazard identification information

The most important harmful effects : Health hazard effects: Inhaling harmful gases can cause metal heat and respiratory system irritation symptoms.

Environmental Impact : N/A
 Physical and chemical hazards : N/A
 Special hazards : N/A
 Main symptoms : N/A
 Item hazard classification : N/A

5. First aid measures

First aid methods for different exposure routes:

Inhalation : Move the patient to a ventilated place, keep warm and send to a doctor immediately for diagnosis and treatment.
 Skin contact : Rinse thoroughly with soap and water. If allergic inflammation occurs, seek medical attention.
 Eye contact : Wash eyes with running water for 15 minutes and seek medical treatment immediately.
 Ingestion : 1. Make the patient drink a lot of water.
 2. Induce vomiting.
 3. If you feel unwell, please notify your doctor.

Most important symptoms
and harmful effects : N/A
Protection for first responders : N/A

6. Fire-fighting measures

Applicable fire extinguishing media: carbon dioxide, dry powder fire extinguisher.

Special hazards that may be
encountered when fighting fires : N/A

Special fire extinguishing
procedures : N/A

Special protective equipment
for firefighters : Firefighters should wear protective clothing and equipment.

7. Leakage treatment methods

Personal notes : N/A

Environmental precautions : Use appropriate containers and wash away with clean water to avoid contaminating
water sources from flowing into waterways.

Cleanup method : N/A

8. Safe handling and storage methods

Disposal:

1. Pay attention to rainwater and avoid contact with chemicals such as acids and alkaloids.
2. There is a risk of cutting hands at both ends of the product, so do not touch it directly with your hands. The waste chips during cutting should not enter your eyes or be inhaled.
3. Because it is elastic, warping at the end of the tape may cause cuts and eye injuries, so be careful.
4. The stability of the shelf should be confirmed when placing rolls.
5. Wear labor protection equipment to prevent danger.
6. It is easy to break or deform due to residual pressure.
7. The edge of the board can easily cut the skin, and debris will fly when cutting.

Store:

1. Store in a dry, well-ventilated indoor location or a space with temperature and humidity control.
2. Do not come into contact with chemical substances such as strong acidic, alkaline and other acidifying agents and chemicals.
3. Store in a cool, dry and flat place away from fire and heat sources.

9. Exposure prevention measures

Engineering controls : General ventilation and local exhaust equipment

Control parameters : NA

8-hour daily average allowable concentration/short-time average allowable concentration/maximum allowable concentration:
N/A

Biological indicators : N/A

Personal protective equipment : Respiratory protection: required when dust is generated.

Hand protection : Wear protective gloves.

Eye protection : Wear protective goggles

Skin and body protection: Protective clothing suitable for this workplace should be selected based on the concentration and amount of harmful substances in the environment.

Hygiene Measures : N/A

10. Physical and chemical properties

State of matter	: solid.
Colour	: N/A
pH value	: N/A
Decomposition temperature	: N/A
Autoignition temperature	: N/A
Vapor pressure	: N/A
Density	: N/A

11. Stability and reactivity

Stability	: stable
Possible hazardous reactions under special circumstances	: N/A
Conditions to avoid	: N/A
Substances to avoid	: N/A
Hazardous decomposition products:	N/A

12. Toxicity information

Acute toxicity	: 1. Copper powder LD50 can cause nausea, vomiting, and weakness if swallowed. Inhalation of dust, gas, etc. can cause cough, chest pain, fever, etc. 2. The dust and smoke generated by welding may produce complex oxides. Excessive inhalation for a long time will affect the lungs and body health.
Local effects	: N/A
Sensitivity	: Stainless steel contains 0.15-0.35% sulfur. Prolonged exposure may cause allergies.
Chronic toxicity or long-term toxicity	: Long-term inhalation of tin smoke and dust will cause tin precipitation symptoms. Chronic phosphorus poisoning symptoms will cause loss of appetite, indigestion, weight loss, anemia, jaundice, and mucosal bleeding.
Special effect	: Stainless steel produces chromium-nickel compound fumes during welding, which may cause asthma.

13. Ecological information

Possible environmental impact/environmental dispersion	: N/A
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14. Waste disposal methods

Waste disposal method	: It is recommended to contact the government environmental protection unit or have an approved and qualified waste disposal company handle it on your behalf.
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15. Shipping information

International shipping regulations	: N/A
UN number	: N/A
Domestic transportation regulations:	Road Traffic Safety Law of the People's Republic of China.

16. Regulatory information

Applicable regulations : 1. Production Safety Law of the People's Republic of China.
2. Water Pollution Prevention and Control Law of the People's Republic of China.
3. Law of the People's Republic of China on the Prevention and Control of Environmental Pollution by Solid Waste.
4. Regulations on the safety management of hazardous chemicals.

17. Other information

NA

Part Number Table

Description	Part Number
DIP / SIP Switch, 3 Circuits, Slide, Through Hole, SPST, 24V DC, 25mA	MCEI-03

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