

SAFETY DATA SHEET

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Ref. No. : SDS-E-4-61

Revised: Feb 7, 2024

1. Product Identification

Product name: W5SC

Configuration: Plastic tube (This product is an article. This product is not a chemical substance or mixture.)

Recommended use of the product: Electrical Insulation, etc.

Restriction on use:

Supplier: Sumitomo Electric Fine Polymer, Inc. (SFP)
950, 1-chome, Asashiro nishi, Kumatori-Cho, Sennan-Gun, Osaka, 590-0458, JAPAN
(Tel) 072-452-7192, (Fax) 072-452-7195

Emergency Tel. No.: For SFP subsidiary company

Sumitomo Electric Interconnect Products, Inc.
915 Armorlite Drive, San Marcos, CA 92069, U.S.A.
(Tel) 760-761-0600, (Fax) 760-761-0620

Sumitomo Electric Schruppf-Produkte GmbH
Oststrasse 89, D-22844 Norderstedt, Germany
(Tel) 40-526-5010, (Fax) 40-526-4808

Sumi-Pac Corporation
8th Fl. No.34, Chung Shann, North Road Section 3., Taipei 104, Taiwan R.O.C.
(Tel) 2-2599-7382, (Fax) 2-2599-7377

Sumitomo Electric Fine Polymer (Suzhou) Ltd.
No.232 Jinfeng Road, Suzhou New District, Suzhou, Jiangsu, 215129 China
(Tel) 512-8918-6680, (Fax) 512-8918-6686

2. Hazards Identification

GHS classification

Physical hazards: Not applicable

Health hazards: Not applicable

Environmental hazards: Not applicable

Other hazards: If the product is overheated or burned, harmful vapors may be formed.

The heated product has the potential to cause thermal burns, if touched.

<Note> During heating process, a slight odor of plastic may be present. This is not harmful.

3. Composition/ Information on Ingredients

Product type

Article

Substance Name	CAS No	Compositional (wt %)	Info
Crosslinked Polyolefin	Confidential	>60	
Other	Confidential	<40	

4. First-Aid measures

Inhalation : If vapors from burning or overheated product are inhaled, provide fresh air. If the symptoms are not reduced, seek medical attention.

Skin contact: If heated device comes in contact with skin, remove the device immediately. If there is evidence of reddening or burning, seek medical attention.

Eye contact : If heated device comes in contact with the eyes, rinse thoroughly with water for at least 15 minutes and seek medical attention.

Ingestion : Seek medical attention.

5. Fire-Fighting Measures

Suitable extinguishing media: Water spray, dry powder, CO₂ foam

6. Accidental Release Measures

Personal precautions : Avoid contact with heated device. Gloves may be required to handle heated device.
If overheated, avoid breathing fumes.

Environmental precaution : Install in a well- ventilated area.

Methods for cleaning up : Sweep up and place in disposal container.

7. Handling and Storage

Handling : No special handling is required.

Storage : Store devices in a cool dry area.

8. Exposure Controls/Personal Protection

Technical measures : Normal manufacturing environment.

Personal protection equipment : Under normal operation, not necessary.

Respiratory protection : Under normal operation, not necessary.

Hand protection : Gloves may be required to handle the product, when hot.

Eye protection : Under normal operation, not necessary.

Other protection : Under normal operation, not necessary.

9. Physical and Chemical Properties

Form : Solid

Color (standard) : Natural color.

Odor : Slight characteristic plastic odor

Melting point /range : About 100 ° C

Boiling point/range : Not applicable

Flash point : Not applicable

Ignition point : Not applicable

Explosive properties : Not applicable

Vapor pressure : Not applicable

Specific gravity(20 ° C): (Inner layer) 0.94 nominal
(Outer Jacket) 0.95 nominal

Melting point/range The material has melting point, 140°C nominal, but outer jacket will not flow over the melting temperature due to the cross-lined structure.

10. Stability and Reactivity

Stability : State at normal conditions.

Material to avoid : Organic solvents and lubricating oils.

Hazardous decomposition products : None under normal conditions. If the product is overheated or burned, harmful vapors(e.g. carbon monoxide and hydrogen halides) may be generated.

11. Toxicological Information

Acute toxicity : Unknown
Skin : Not irritating, but the heated tubing has potential to cause thermal burn.
Eyes : If the tubing is overheated or burned, vapors may irritate eyes.
Inhalation : Harmful vapors produced by overheating or burning may cause irritation to the upper respiratory tract.
Ingestion : Not digestible.
Further information : During heating process of the product, slight plastic odor may cause discomfort for susceptible persons.

12. Ecological Information

Biodegradability : Unknown(No data)
Aquatic toxicity : Unknown(No data)
Further information : Unknown(No data)

13. Disposal Considerations

Product : Incinerate or bury in accordance with local and national regulations. Contact proper local authorities.
Contaminated packaging: Cardboard boxes can be delivered to local recycling facilities.

14. Transport Information

Not classified as dangerous with regard to the transport regulation.

15. Regulatory Information

According to EC Directive : Unknown
Symbol: Not applicable
R-phase: Not applicable
S-phase: Not applicable

16. Other information

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or property assurances. The information relates only to the specific material designed and may not be valid for such a material used in combination with any other materials or in any process, unless specified in this text.