

SAFETY DATA SHEET

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Ref. No. : SDS-E-4-K2

Revised: Jan. 23, 20

1. Product identification

Product name : SUMITUBE O2B2S

Figuration: Plastic tube (This product is an Article. This product is not a chemical Substance or Mixture.)

Recommended use of the product: Electrical insulation , etc.

Restrictions 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 Schrupf-Produkte GmbH

Oststrasse 89, D-22844 Norderstedt, Germany

(Tel) 40-526-5010, (Fax) 40-526-4808

Sumitomo Electric Fine Polymer (Suzhou) LTD.

NO.232 Jinfeng Road, Suzhou New District, Suzhou, Jiangsu,215129

(Tel) 0512-8918-6680, (Fax) 0512-8918-6686

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

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 characteristic odor of plastic may be noticed. This odor is not harmful.

3. Composition/ Information on ingredients

Product type: Article

Composition:

Substance name	CAS No.	Rate(wt%)
Crosslinked polyolefin	-	> 60
Other	Confidential	< 40

4. First aid measures

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

Skin contact: If the heated product contacts skin, remove the product immediately. If there is evidence of reddening or burn, seek medical advice.

Eye contact : If the heated product contacts eyes, rinse thoroughly with plenty of water for at least 15 minutes and seek medical advice.

Ingestion : Seek medical advice.

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5. Fire-fighting measures

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

<Note> The product is flame-retarded(self-extinguish), but will burn, if continuously exposed to flame.

Use the extinguishing media appropriate for the source of the fire. The self-contained breathing apparatus and the personal protective equipment may be needed in the event of large fires.

Recommended extinguishing methods:

Fire extinguishing method that should be avoided:

Specific hazards:

Precautions for firefighters:

6. Accidental release measures

Personal precautions : Avoid contact with the heated product. Gloves may be required to handle the product, when hot. If overheated, avoid breathing fumes which may be emitted.

Environmental precaution : In common with all good industrial practice, install in well ventilated areas only.

Methods for cleaning up : Sweep up and dump in a disposal container.

7. Handling and storage

Handling : No special handling advice required.

Storage : Store at room temperature in unopened packs to avoid direct sunlight.

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

Appearance(physical state,color): Solid(Tubing) ,Black.

Upper/lower flammability or explosive limits: Not applicable

Odor: Slight characteristic plastic odor

Vapor pressure: Not applicable

Odor threshold: Not applicable

Vapor density: Not applicable

pH: Not applicable

Relative density (Inner liner) 0.94 nominal
(Outer Jacket) 1.35 nominal

Melting point/range : The material has melting point, 95 ° C nominal, but outer jacket will not flow over the melting temperature due to the cross-linked structure.

Solubility(ies)

Initial boiling point and range: Not applicable

Flash point: Not applicable

Evaporation: Not applicable

Flammability(solid,gas): Not applicable

Partition coefficient:n-octanol/water: Not applicable

Auto-ignition temperature: Not applicable

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Decomposition temperature and: Not applicable
Viscosity: Not applicable
Pyrophoric gas . . . It does not occur under normal handling.
Asphyxiant . . . Not applicable
Flammable dust . . . It does not occur under normal handling.

10. Stability and Reactivity

Stability : Stable at normal conditions. Recommended max. operating temperature is 125 ° C.
Do not heat over 300 ° C to avoid harmful vapors which may be formed at high temperatures.
Material to avoid : None
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 product has potential to cause thermal burn.
Eyes : If the product 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 smell 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 and reels can be delivered to local recycling facilities.

14. Transport information

Not classified as dangerous with regard to the transport regulation.

15. Regulatory information

Poisonous and Deleterious Substances Control Law : N/A.

California Proposition 65.  WARNING: Cancer and Reproductive Harm – www.P65Warnings.ca.gov

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 a 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.