

# SAFETY DATA SHEET

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Ref. No. : SDS-E-4-C1-B

Revised: Jul. 23, 2019

## 1. Chemical product and company identification

Product name : SUMITUBE KH230 / KH230(MW) / KH230(TW)

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

Sumi-Pac Corporation

No.15, Kon Ye 5 Rd., Fon San Tsuen, Fu Kow Shan, Hsin Chu Hsien, Taiwan 30352, R.O.C.

(Tel) 3-598-4165, (Fax) 3-598-4168

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

Or for a local distributor

(Name)

(Address)

(TEL/Fax)

## 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

Substance/Preparation : Preparation

Common name : Irradiated cross-linked, thermally-stabilized, flexible, flame-retardant fluoropolymer tubing

Environmental hazardous substance: none

## 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, CO<sub>2</sub> foam

<Note> The product is flame-retarded(self-extinguishing), but will burn, if continuously exposed to flame. Use the extinguishing media appropriate for the source of the fire. Self-contained breathing apparatus and personal protective equipment may be needed in the event of large fires.

## 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

Form : Solid(Tubing)

Color (standard) : Black, Red, Yellow, Blue, and White

Odor : Slight characteristic plastic odor

Melting point/range : The material has melting point, 130°C nominal, but it will not flow over the melting temperature due to the cross-linked structure.

Boiling point/range : Not applicable

Flash point : 350°C nominal

Ignition point : 400°C nominal

Explosive properties : Not applicable

Vapor pressure : Not applicable

Specific gravity(20°C): 1.9 nominal

Water solubility(20°C): Small molecular solubility in water

## 10. Stability and preparation

Stability : Stable at normal conditions. Recommended max. operating temperature is 200°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.

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## 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

## 16. Other information

SFP specification No. : RE4-C101

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