

## Safety Data Sheet (SDS)

### 1. Product and Company Identification

Product name : "Firestop Putty-KP" (light-weight, fire-resistant putty)  
 Common name : Heat resistant sealing material  
 Company name : FURUKAWA TECHNO MATERIAL CO.,LTD.  
 Address : 5-1-8, HIGASHI-YAWATA, HIRATSUKA-CITY, KANAGAWA-PREF, 254-0016, JAPAN  
 Contact Office : Quality Assurance Department, Fire Prevention Division  
 Telephone number : +81-463-24-9341  
 Fax number : +81-463-24-9346  
 Emergency contact : +81-463-24-9341  
 Use applications : Mainly used as a fire prevention material for penetrations.

### 2. Hazards Identification

GHS Classification  
 Physicochemical hazards : Not Applicable  
 Health hazards : Not Applicable  
 Environmental hazards : Not Applicable  
 GHS Label elements  
 Symbols/Pictograms : Not Applicable  
 Signal word : Not Applicable  
 Hazard Statement : Not Applicable  
 Precautionary statement : Not Applicable

### 3. Composition/Information on Ingredients

Single chemical substance or mixture: Mixture

Composition	Chemical formula	Content (%)	Reference number in gazetted list in Japan	CAS No	UN class	UN No
Organic binder (polybutene, etc.)	Not identified	22±5	Nondisclosure	Nondisclosure	Not Restricted	Not Restricted
Inorganic fillers (aluminum hydroxide)	Not identified	67±5	Nondisclosure	Nondisclosure	Not Restricted	Not Restricted
Others (plasticizers, fibers, etc.)	Not identified	11±3	Nondisclosure	Nondisclosure	Not Restricted	Not Restricted
Silica (as impurity)	SiO <sub>2</sub>	≤ 0.2	Industrial Safety and Health Act, Notifiable substance No. 165-2 (Not applicable)	7631-86-9	Not Restricted	Not Restricted

### 4. First Aid Measures

Inhalation : Move person to fresh air. Call a physician if symptoms develop or persist.  
 Skin contact : Wash off with soap and water. Get medical attention if irritation develops and persists.  
 Eye contact : Immediately wash the eyes, and receive medical treatment.  
 Swallowing : Do not induce vomiting. Wash the mouth thoroughly with water. Immediately receive the medical treatment.

### 5. Fire Fighting Measures

Extinguishing media	: Not specified
Unsuitable extinguishing media	: Not specified
Specific hazards with regard to extinguishing	: Not specified
Specific fire extinguishing method	: Not specified
Protection for fire extinguishers	: Not specified

Extinguishers should be done from the windward side, with suitable protective respirator and clothing, if necessary.

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## 6. Accidental Release Measures

Personal precautions, protective equipment and emergency procedures:

Wear proper protective equipment.

Environmental procedures : Not applicable

Methods for collect : Collect spillage and place in empty container.

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## 7. Handling and Storage

Handling : Do not get on eye or skin. After handling wash hands thoroughly.

Storage : Store in a cool and dark place, away from direct sunlight and humidity.

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## 8. Exposure Control and Personal Protection

Control parameters

Administrative exposure level : Not established

Occupational exposure limit value (OEL) : Not established

Exposure control

Countermeasure equipment : Not established

Protective equipment:

Wear proper protective equipment (mask, gloves, goggles and clothing) on necessity.

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## 9. Physical and Chemical Properties

Physical state	: Semisolid substance (clayey)
Appearance (Color)	: Gray
Odor	: Almost odorless
Melting point	: Not applicable
Boiling point or initial boiling point	: Not applicable
Flammability	: nonflammable
Lower and upper explosion limit/flammability limit	: No data
Flash point	: No data
Auto-ignition temperature	: No data
Decomposition temperature	: No data
pH	: Not applicable
Kinematic viscosity	: No data
Solubility	: Not soluble in water
Partition coefficient (n-octanol/water)	: Not applicable
Vapor pressure	: Not applicable
Relative density	: 0.95 (water = 1)
Relative gass density	: Not applicable

Particle characteristics : Not applicable

## 10. Stability and Reactivity

Reactivity : Not reactive under normal conditions  
 Chemical stability : Stable under normal conditions  
 Possibility of hazardous reactions : No useful information  
 Conditions to avoid : No useful information  
 Incompatible materials : No useful information  
 Hazardous decomposition product : No useful information

## 11. Toxicological Information

Acute toxicity : No useful information  
 Skin corrosion / Irritation : No useful information  
 Serious eye damage/eye irritation : No useful information  
 Respiratory sensitization / Skin sensitization : No useful information  
 Germ cell mutagenicity : No useful information  
 Carcinogenicity : No useful information  
 Reproductive toxicity : No useful information  
 Specific target organ toxicity (single exposure) : No useful information  
 Specific target organ toxicity (repeated exposure) : No useful information  
 Aspiration hazard : No useful information

## 12. Ecological Information

Hazard to the aquatic environmental (acute) : No useful information  
 Hazard to the aquatic environmental (chronic) : No useful information  
 Hazard to the ozone layer : No useful information  
 Persistence and degradability : No useful information  
 Bioaccumulation potential : No useful information  
 Mobility in soil : Expected to have low mobility in soil

## 13. Disposal Considerations

Disposal should be in accordance with applicable regional, national and local laws and regulations.  
 Disposal should be entrusted to authorized waste disposal companies.

## 14. Transport Information

UN No : Not Restricted  
 UN CLASS : Not Restricted  
 International Air Transportation (ICAO-TI/IATA-DGR) : Not Restricted  
 International Marine Transportation (IMDG Code) : Not Restricted

## 15. Regulatory Information

Chemical Substances Control Law (JAPAN) : Not Applicable  
 Law concerning Pollutant Release and Transfer Register / PRTR Law (JAPAN) : Not Applicable  
 Industrial Safety and Health Law (JAPAN) : Not Applicable  
 Fire Service Act (JAPAN) : Not Applicable

**16. Other information**

Contact office : Quality Assurance Department, Fire Prevention Division

Telephone number : +81-463-24-9341

**Warning**

This Safety Data Sheet has been prepared based on the latest materials and data available and its information is not guaranteed. It may be subject to revision depending on future findings. The cautions described herein are targeted at usual treatment, and in case the users of this product implement special treatments, they are advised to take safety measures suitable for their purpose and usage.