

# MSDS

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## 【Manufacturer information】

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## 【Reference No.】

MTG-01-001

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## 【Product name】

Natural rubber tube

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## 【Characteristics of substance】

Single product or mixture : Mixture  
Chemical name : Natural rubber polymer ,Mixture of rubber chemicals  
Main component : Natural rubber polymer  
Chemical formula or graphical formula of main component : Isoprene polymer  
CSCL No. : Natural rubber polymer ;9006-04-6  
UN classification : Not applicable  
UN number : Not applicable

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## 【Environmental impact ・Occupational health and safety】

The content of the environmental pollutants according to the PRTR Law (to display those containing 1% or more): No  
Chemical substance requiring notification according to the Industrial Safety and Health Law: Mineral oil 2-3%

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## 【Classification of hazard】

Classification name : Not applicable to the classification criteria  
Hazardous properties : Burn if there is a fire  
Harmful properties : There is no information on harmful properties

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## 【First aid measures】

If it comes in contact with the eyes : Use clean water to thoroughly rinse the eyes for a few minutes. If the eyes have any scratches or irritation, see a doctor for medical care whenever necessary.  
If it comes in contact with the skin : Although there is no special effect on the human body, use soap to thoroughly wash the part that came into contact with it whenever necessary.  
If inhaled : Make the person rest in a place with clean air. See a doctor for a medical examination whenever necessary.  
If swallowed : Make the person drink plenty of water or milk. See a doctor for a medical examination.

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## 【Actions to take in case of a fire】

Fire fighting measures : Pour or spray water, or use extinguishers.  
Thermal decomposition or incomplete combustion of this product can produce toxic gas such as graphite, carbon monoxide, nitrogen compounds, etc. If the gas is inhaled, it may be hazardous.  
Extinguishing agents : Water for pouring, extinguishing agents including foams, powder and carbon dioxide, sand, etc.

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## 【Actions to take in case of leakage】

Collect scattered substances by wiping and put them in an appropriate container.

**【Precautions for handling and storage】**

Handling	1) Keep the work place in order and do not use the following carelessly. Anything of high temperature, sparks and a fire in the vicinity 2) Handling should be done in a place with good ventilation. 3) After handling the substance, wash your hands and gargle before eating, drinking or smoking.
Storage	1) Avoid the following to prevent heat accumulation, ignition or deterioration. ① Direct sunlight ② Water leakage ③ High temperatures and high humidity ④ Outdoor storage If outdoor storage is unavoidable, keep it away from illumination such as incandescent lamps and mercury lamps that generate high temperatures or emit ultraviolet light. 2) In case the weight is 3000kg or more, it is categorized as a flammable material specified by the Fire Service Act. Municipal ordinances should be observed for storage.

**【Exposure prevention and protection measures】**

Allowable concentration	: Japan society for occupational health : Not been set ACGIH: Not been set
Engineering measures	: It does take in the location where you installed the ventilation treatment as much as possible. and, I arrange the setting such as hand-washing, the face-wash near
Protective equipment	: I wear a protection mask, protection glasses, protection gloves, work clothes, safety boots as needed.

**【Physical and chemical properties】**

Appearance	: Solid state
Specific gravity	: about 1.1-1.3
Odors	: Faint odor
Solubility	: Insoluble in water
Boiling point/Vapor pressure/Melting point/Initial boiling point/Volatility/ : Not applicable	

**【Information on hazardous properties (Stability • Reactivity)】**

Decomposition temperature	: 200 degrees or more
Explosiveness	: Not applicable
Oxidizing properties	: Not applicable
Self-reactivity	: Not applicable
Dust explosive	: Not applicable
Stability • Reactivity	: Stable under normal handling conditions without reactivity.
other	: Inhaling volatile vapors from hot rubber should be avoided.

**【Information on harmful properties】**

Refer to the description in the section of the environmental pollutants according to the PRTR Law above.

Skin corrosivity	: No case	Chronic toxicity	: No case
Irritating nature	: No case	Carcinogenicity	: No case
Sensitizing property	: No case	Mutagenic property	: No case
Acute toxicity	: No case	Reproductive toxicity	: No case
Subacute toxicity	: No case	Teratogenic potency	: No case

**【Information on environmental impact】**

Refer to the description in the section of the environmental pollutants according to the PRTR Law above.

Degradability	: No case
Accumulation property	: No case
Fish toxicity	: No case
other	:

**【Precautions for disposal】**

Contents	: Disposal should be entrusted to a specialized waste disposer.
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**【Precautions for transportation】**

Cover with a sheet during transportation in order to avoid contamination by foreign materials, water leakage and direct sunlight.

**【Applicable laws and regulations】**

- 1) The substance is categorized as a “designated combustible material” – synthetic resin (3,000kg or more)”, Schedule 4, Cabinet Order on Rules of Hazardous Substances, Article 1.12, by the Fire Service Law, Article 9.3.
  - 2) Law Concerning Waste Disposal and Scavenging
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**【Other information】**

Reference

- 1) Dangerous Goods Data Book (Tokyo Fire Department) 1996
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Notes

- This document was created based on the knowledge and information available as of today. It may be revised with new
- The precautions described in this document are intended only for normal handling. If you use the substance for special purposes, you need to take additional safety measures that are suitable for the applications and usage.
- This product was developed for general industrial use. If you use it for special applications such as for food, medical care and others, please confirm the safety of the applications before using it at your own responsibility.