

# Safety Data Sheet



## 【 Producer information 】

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## 【 Product name 】

TOYOFOODS HOSE φ6 ~ φ50

## 【 Physical characteristics 】

Single-alone/mixed : Mixed  
 Chemical name : Composite product consisting primarily of Polyvinyl chloride and polyester plasticizer, epoxidized soybean oil and Mg-Zn stabilizer polyethylene terephthalate  
 Content : Content of over 1% in the product does not fall under the category of PRTR law.  
 Chemical formula : —  
 CAS NO. : All components have CAS numbers  
 Serial number in official government gazette : All components have numbers under the Law concerning the Examination and Regulation of Manufacture etc. of Chemical Substances  
 UN classification and number : Does not correspond to UN classifications

## 【 Dangerous substance classification 】

Name of classification : Does not correspond to classification standards  
 Danger level : No data  
 Toxicity : Combustion and pyrolysis can generate irritative and/or toxic components such as CO, CO<sub>2</sub> and HCl

## 【 Emergency treatment 】

In the eyes : Wash thoroughly in clean running water, then consult an eye specialist.  
 On the skin : If molten product comes into contact with the skin, cool the skin using clean water. Do not forcibly peel the product from the skin. Consult a medical practitioner.  
 If inhaled : If combustion gases are inhaled, gargle thoroughly and breathe deeply in a clean air environment, then seek medical attention.  
 If taken internally : Wash the mouth out with clean water. If the victim is conscious, induce vomiting by pressing a finger to the back of the throat, then seek medical attention.

**【 In the event of fire 】**

How to fight the fire	: At the initial stage, powder, carbon dioxide gas or foam extinguishers may be used. For more advanced fires, asphyxiate the fire using foam extinguishers or cool the fire using plenty of water spray.
Fire extinguishing agents	: Foam, powder and carbon dioxide extinguishers, sand, water spray
Important reminder when extinguishing a fire	: The smoke generated by the fire contains carbon monoxide, hydrochloric acid gas and carbon dioxide. Firefighting personnel should wear heatproof suits and be equipped with air respiration systems.

**【 Disclaimer 】**

- TOYOFOODS HOSE should be used in an appropriate usage environment. Contact us if you are unsure about the usage environment for this product.
- Solid matter passing through the product can generate electrostatic buildup. Do not use in the presence of solvents or flammable gases.
- Powders and other solid matter can generate frictional electrification when passing through the hose. It may be necessary to provide an earth connection or take other steps such as spraying the product with water.
- Do not allow the product to come into contact with very hot or molten materials.
- The product is flammable. Keep away from naked flame.
- Direct sunlight and/or a high temperature, high humidity environment can affect the quality of the material. The product should be stored in a dark location at normal temperature.
- External discoloration or deformation of the hose material indicates deterioration. The hose should be replaced immediately.
- The product satisfies the standards of the Food Sanitation Act No. 201. However, certain types of liquid under certain conditions can cause the liquid to take on the hose smell, producing a disagreeable taste and potentially causing secondary problems.

**【 Physical and chemical properties 】**

Appearance	: Natural transparence
Specific gravity	: 1.2 ~ 1.3 (23℃)
Solubility	: Soluble in solvent; non soluble in water.

**【 Danger information 】**

Flash point	: non data
Burning point	: non data
Reactivity with water	: none
Oxidation	: stable at normal temperatures
Dust explosion potential	: stable
Safety/reactivity	: Stable and non-reactive under normal handling conditions

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**【 Toxicity information 】** (including human case histories and epidemiological information)

Eats into the skin	: non data
irritant (eyes, skin)	: non data
Sensitizer	: non data
acute toxicity	: non data
sub-acute toxicity	: non data
chronic toxicity	: non data
carcinogenicity	: non data
mutagenicity (microorganism, chromosomal aberrations)	: non data
reproductive toxicity	: non data
teratogenicity	: non data

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**【 Environmental information 】**

Although there have been no confirmed reports to date, to prevent the possibility of ingestion by animals the product should not be discarded in the sea or other water environment.

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**【 Disposal 】**

Disposal may also be handled by disposal contractors with appropriate accreditation from the Prefectural authorities

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**【 Transportation 】**

Avoid rough or careless handling that could damage the product.

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**【 Applicable laws and regulations 】**

Waste Management Law	: classified as inert (stable) industrial waste
Industrial Safety and Hygiene Law	: Article 57, Paragraph 2
PRTR Law	: classified as a specified chemical substance

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**【 About this document 】**

This document is based on materials, documents and other information as available at the time of writing. No guarantee is provided as to the accuracy thereof. The information provided in this document is predicated on the assumption of normal usage of the product under normal conditions. Special care is required when using or handling the product in a way that is special or different to normal.