



## SAFETY DATA SHEET(SDS) PVC GLOVES

### Section 1 - CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Name : Misumi PVC Gloves.

Company Name : MISUMI(THAILAND) CO.,LTD.

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### Section 2 - COMPOSITION / INFORMATION ON INGREDIENTS

Sterling : Polyvinyl chloride

Product Name: Misumi PVC Gloves.

Chemical Composition

Chemical Name	FORMULA	CAS No.
Polyvinyl chloride	$(CH_2CHCl)_n$	9002-86-2
Cotton	-	-

Ingredients : Sulphur, ZnO, TiO<sub>2</sub>, Colour Pigment

### Section 3 - HAZARDS IDENTIFICATION

#### Potential Health Effects

**Contact:** May cause skin irritation. Wash hands with mild soap after handling. Avoid contact with eyes. If the eyes are irritated flush with water for ten minutes. Obtain medical attention. Avoid ingestion. If ingested seek medical attention.

**Inhalation:** Excessive inhalation can cause headache, nausea, irritation. Handle the product in minimum quantity and work in well-ventilated area.

### Section 4 - FIRST AID MEASURES

**General:** If you feel unwell, seek medical advice.

**Skin contact:** Wash hands with mild soap after handling.

**Eye contact:** Rinse with water. Remove contact lenses, if present and easy to do. Continue rinsing. Take victim to an ophthalmologist if irritation persists.

## **Section 5 - FIRE FIGHTING MEASURES**

Flash Point: > 450 °C

Lower Explosion Limit: N/A

Upper Explosion Limit: N/A

**Fire Hazard:** Stable under normal situation. Flammable / Combustible under extreme high heat and flame. Can generate toxic and combustible fumes, - carbon monoxide, nitrogen and hydrocarbon compounds, and soot.

**Fire Fighting Procedures:** Use full protective equipment and SCBA, filter masks, etc.

Extinguishing Media: High expansion foam, water fog and spray.

## **Section 6 - ACCIDENTAL RELEASE MEASURES**

Release Response: Retain for recycle or disposal.

## **Section 7 - HANDLING AND STORAGE**

Gloves shall maintain their properties when stored in dry condition at temperature between 10°C to 30°C. Protect gloves against ultraviolet light sources such as sunlight and oxidizing agents. Keep away from Heat sources, ignition sources, oxidizing agents.

## **Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION**

### **Engineering Control**

Use local exhaust in confined spaces where gloves are heated.

### **Personal Protective Equipment**

**Eyes :** Not required. or just use goggles if gloves are heated.

**Inhalation :** Not required. or use face mask 3 ply

**Skin :** Not required. or use heat resistance gloves if heated to melting state.

## **Section 9: PHYSICAL AND CHEMICAL PROPERTIES**

**Appearance :** Textured, embossed outside (Palm hand) , Green color

**Physical State :** Solid / Odor : Odorless / pH : 7 (Reference average)

## **Section 10: CHEMICAL STABILITY AND REACTIVITY INFORMATION**

**Chemical Stability :** Stable at normal temperature and storage condition.

**Conditions to Avoid :** Avoid contact with excessive heat, sparks or open flame. Avoid dust accumulation.

### **Incompatibility with other materials**

No specific information is available, however strong oxidizers or reducing agents which generally not compatible with compounds.

### **Hazardous Decomposition Products**

Fumes produced when heated to decomposition temperatures may contain carbon monoxide, carbon dioxide, hydrogen cyanide, oxides of nitrogen, and small amounts of aromatic and aliphatic hydrocarbons. Combustion products from rubber, like those of other natural and synthetic materials, must be considered toxic.

## **Section 11: TOXICOLOGICAL INFORMATION**

No information is available.

## **Section 12: ECOLOGICAL INFORMATION**

**Product of Biodegradation:** Non-biodegradable.

**Ecotoxicity:** Considered as inert.

## **Section 13: WASTE TREATMENT**

### **Waste disposal**

Preferred options for disposal are (1) recycling, (2) incineration with energy recovery, and (3) landfill. The high fuel value of this product makes option 2 very desirable for material that cannot be recycled, but incinerator must be capable of scrubbing out acidic combustion products. Treatment, storage, transportation, and disposal must be in accordance with applicable federal, state/provincial, and local regulations.

**Incineration:** Put appropriate amount of the gloves into the incinerator or furnace to destroy them following the requirements shown below.

Requirements:

- 1) Burning temperature exceeds 850oC
- 2) Combustion retention time is not less than 2 seconds

**Note:** Gloves should not be destroyed by open burning at low temperature or dispose at normal disposal area

## **Section14: TRANSPORTATION INFORMATION**

Non-dangerous goods.

## **Section 15: LAW INFOMATION**

No information is available.

## **Section 16: OTHER INFORMATION**

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