

# **Material Safety Data Sheet**

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## Section 1. Chemical product and company identification

Product name: POLYESTER & CARBON FIBER PU GLOVES

## Section 2. Hazards identification

Hazard Effects	Health Hazard Effects: None
	Environmental impact: None
	Physical and chemical hazard: None
	Special damages: None
Main Symptoms: No data	
Hazard Class: None	

## Section 3. Composition, information on ingredients

Chemical materials: mixture		
Material composition	Percent (%)	CAS Number
Polyurethane	60	9009-54-5
Polyester	30	/
Carbon	8	7440-44-0
Spandex	2	/

## Section 4. First aid measures

Different methods of first aid exposure : Inhalation: (1) Remove to fresh air. Keep person warm and at rest. (2) If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel. (3) Give nothing by mouth. If unconscious, place in recovery position . (4) Seek medical advice. (5) Skin contact : Remove contaminated clothing and shoes. Wash skin thoroughly with soap and water or use recognized skin cleanser. Do not use solvents or thinners
Eye contact : Check for and remove any contact lenses. Immediately flush eyes with running water for at least 15 minutes, keeping eyelids open. Ingestion : If swallowed, seek medical advice immediately and show this container or label. Keep person warm and at rest. Do not induce vomiting.
Most important and harmful
Notes to physician: Do not take action if there is any physical danger or if you have not received training. Wear a mask and non-leaking gloves.
Instruction to a physician : No specific treatment. Treat symptomatically. Contacts should be kept in hospital for observation for 48h.

## Section 5. Fire fighting measures

Suitable Fire fighting Agent: Use CO <sub>2</sub> , water spray (fog) or foam.
Special exposure hazards: None
Hazardous combustion products: This product is not flammable
Special protective equipment for fire-fighters: Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

## Section 6. Accidental release measures

Personal precautions : 1. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. 2. Leave the area and reduce contact with the leaking material. 3. Try to stop leaks under safe conditions and clean them up. 4. Inform the responsible unit.
Environmental precautions : Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).
Cleaning method: 1. Unified collection. 2. Follow the general factory principles.

## Section 7. Handling and storage

Handling : Put on appropriate personal protective equipment. Eating, drinking and smoking should be prohibited in areas where this material is handled, Workers should wash hands and face before eating.
Storage : Store in original container protected from direct sunlight in a dry, cool and well-ventilated area. Keep container tightly closed and sealed until ready for use. Use appropriate containment to avoid environmental contamination.

## Section 8. Exposure controls/personal protection

Engineering control: Installation of necessary ventilation facilities; Keep the air fresh.
Control parameter: Eight hours on average allowable concentration, short time average allowable concentration, the maximum allowable concentration.
Personal exposure controls: 1. Respiratory protection: reduce exposure. 2. Hand protection: chemical-resistant gloves. 3. Eye protection: safety goggles. 4. Skin and body protection: impermeable clothing or protective clothing.
Life measures: don't smoke and eat in the workplace; Wash hands after handling.

## Section 9. Physical and chemical properties

Physical state: No data	
Color: No data	Smell: No data
Decomposition temperature: Not Applicable.	PH: No data

## Section 10. Stability and reactivity

Stability: Stable
Special conditions hazardous reaction: None
The situation should be avoided: No data.
Substances to avoid: No data.
Hazardous decomposition products: None

## Section 11. Toxicological information

Inhalation: Normal operation without special hazards Eyes: Slight irritation Skin: Slight irritation Ingestion: Great harm on digestive system
Topical effect: Dry skin
Allergic: None
Long term toxicity: Slight impact on respiratory tract
Special effects: pain at the broken skin

## Section 12. Ecological information

Possibility of environmental impact: 1. No data.
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## Section 13. Disposal considerations

Processing methods: 1. Unified collection.
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## Section 14. Transport information

International rules: Unregulated
Transportation hazard type: non-dangerous goods
Requirements: Relevant domestic regulations
Special delivery methods and matters needing attention: None

## Section 15. Regulatory Information

The safety, health and environmental regulations for the products concerned: the specific national or regional regulations are not known to be applicable to this product (including its components).	
State safety supervision bureau, etc.: List of highly toxic chemicals, (2015 edition) Not included	
State safety supervision : Dangerous Chemicals catalogue (2015 edition)	Not included in the product
Identification of major hazard installations (GB18218-2018)	Not included in the product

**Section 16. Other information**

The information contained in this data sheet is based on present scientific and technical knowledge. The purpose of this information is to draw attention to the health and safety aspects concerning the products supplied by HLS, and to recommend precautionary measures for the storage and handling of the products. No warranty or guarantee is given in respect of the properties of the products. No liability can be accepted for any failure to observe the precautionary measures described in this data sheet or for any misuse of the products.