

**Safety Data Sheet**  
**According to Hazard Communication Standard (29 CFR 1910.1200)**

Woven/coated polyethylene

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## 1. Product and Company Identification

**Material name** Woven/coated polyethylene  
**CAS #** See section 3  
**Product code** Not available  
**Product use** Usage for P.E. Tarpaulin.  
**Manufacturer/Supplier**  
**Supplier(Manufacturer):** OKS Poly Co.Ltd  
**Address:** (1-55, Woram-Dong)50 35Gil, Seong Seo-Ro, Dalseo-Ku, Daegu, Korea  
**Contact person(E-mail):** Jeff@okspoly.com  
**Telephone:** +82.53.582.1177  
**Fax:** +82.53.582.1178  
**Emergency telephone Number:** +82.53.582.1177

## 2. Hazards identification

### GHS classification

**Physical hazards** Not classified  
**Health hazards** Not classified  
**Environmental hazards** Not classified

### GHS label elements

**Hazard Pictograms** No hazard pictogram is used.  
**Signal word** No signal word is used.  
**Hazard statement** Not applicable.

### Precautionary statement

**Prevention** Not applicable.  
**Response** Not applicable.  
**Storage** Not applicable.  
**Disposal** Not applicable.

## 3. Composition / Information on Ingredients

Components	CAS#	Percent
Polyethylene(PE)	9002-88-4	95%
MB	N/A	5%

## 4. First Aid Measures

### First aid procedures

**Eye contact** Immediately flush eyes with plenty of water for at least 15 minutes. Occasionally lifting the upper and lower eyelids. Get medical attention if irritation occurs. Get medical aid.

**Skin contact** Flush skin with plenty of water while removing contaminated clothing and shoes. Get medical aid if irritation develops or persists. Wash clothing before reuse.

**Inhalation** Remove from exposure and move to fresh air immediately. If breathing is difficult, give oxygen. Get medical aid.

**Ingestion** Never give anything by mouth to an unconscious person. Get medical aid. Do NOT induce vomiting.

**Notes to physician** Treat symptoms.

## 5. Fire Fighting Measure

**Flammable properties** Not available.

### Extinguishing media

**Suitable extinguishing media** Carbon dioxide, extinguishing powder or water spray. Fight larger fires with water spray or alcohol resistant foam.

**Unsuitable extinguishing media** Not available.

**Firefighting equipment/instructions** Wear self-contained breathing apparatus (positive pressure, if available) and full protective clothing.

**Hazardous combustion products** Products of combustion include carbon monoxide (CO), carbon dioxide (CO<sub>2</sub>).

## 6. Accidental Release Measures

**Personal precautions** Remove ignition sources. Provide adequate ventilation. Avoid inhalation of dust. Avoid skin and eye contact. Wear protective gloves/protective clothing/eye protection/face protection.

**Environmental precautions** Minimize contamination of sewage water, soil, groundwater, drainage systems, or bodies of water.

**Methods for cleaning up** Small spills should be vacuumed when possible. Dry sweeping is not recommended. A vacuum equipped with HEPA (high efficiency particulate air) filtration is recommended.

## 7. Handling and Storage

**Handling** Wash thoroughly after handling. Wash hands before eating. Minimize dust generation and accumulation. Avoid contact with eyes, skin, and clothing. Avoid ingestion and inhalation. Use with adequate ventilation. Wash clothing before reuse.

**Storage** Keep container tightly sealed. Store in cool, dry conditions in well sealed containers.

## 8. Exposure Controls / Personal Protection

**Control parameters:**

### OCCUPATIONAL EXPOSURE LIMITS (OEL)

**INGREDIENT DATA:** Not Available

### EMERGENCY LIMITS:

Ingredient	TEEL-1	TEEL-2	TEEL-3
Polyethylene	10 mg/m <sup>3</sup>	110 mg/m <sup>3</sup>	1000 mg/m <sup>3</sup>

Ingredient	Original IDLH	Revised IDLH
Polyethylene(PE)	Not Available	Not Available
MB	Not Available	Not Available

**Exposure controls:**

**Appropriate engineering controls:** Facilities storing or utilizing this material should be equipped with an eyewash facility and a safety shower. Use adequate ventilation to keep airborne concentrations low.

**Individual protection measures, such as personal protective equipment:**

**Eye / face protection** Wear appropriate protective eyeglasses or chemical safety goggles as described by OSHA's eye and face protection regulations in 29 CFR 1910.133 or European Standard EN166.

<b>Skin protection</b>	Wear appropriate gloves and protective clothing to prevent skin exposure.
<b>Respiratory protection</b>	Avoid breathing dust. In case of insufficient ventilation, wear suitable respiratory equipment.
<b>General hygiene considerations</b>	Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period. Keep away from foodstuffs, beverages and feed. Immediately remove all soiled and contaminated clothing.

## 9. Physical & Chemical Properties

### Appearance

<b>Physical state</b>	Solid
<b>Form</b>	Solid
<b>Color</b>	Black
<b>Odor</b>	Not available
<b>Odor threshold</b>	Not available
<b>pH</b>	Not available
<b>Vapor pressure</b>	Not available
<b>Vapor density</b>	Not available
<b>Boiling point</b>	Not available
<b>Melting point/Freezing point</b>	130-145(CAS#9002-88-4)
<b>Solubility (water)</b>	Not available
<b>Specific gravity</b>	Not available
<b>Relative density</b>	0.94-0.95 (water=1)(CAS#9002-88-4)
<b>Bulk Density</b>	Not available
<b>Flash point</b>	Not available
<b>Explosion limits in air, upper, %by volume</b>	Not available
<b>Explosion limits in air, lower, % by volume</b>	Not available
<b>Auto-ignition temperature</b>	Not available
<b>VOC</b>	Not available
<b>Percent volatile</b>	Not available
<b>Flammability (solid, gas)</b>	Not available
<b>Molecular Formula:</b>	Not available
<b>Molecular Weight:</b>	Not available
<b>Other data</b>	
<b>Viscosity</b>	Not available
<b>Decomposition temperature:</b>	Not available

## 10. Chemical Stability & Reactivity Information

<b>Chemical stability</b>	Material is stable under normal conditions.
<b>Conditions to avoid</b>	Incompatible materials. Prevent exposure to high temperatures and open flames.
<b>Incompatible materials</b>	Strong oxidizers.
<b>Hazardous decomposition products</b>	Carbon monoxide, carbon dioxide.

**Possibility of hazardous reactions** No dangerous reactions known.

## 11. Toxicological Information

### Toxicokinetics, metabolism and distribution:

**Non-human toxicological data:** Not available

### Information on toxicological effects:

#### Acute toxicity:

**LD50(Oral, Rat):** Not available  
**LD50(Dermal, Rabbit):** Not available  
**LC50(Inhalation, Rat):** Not available  
**Skin corrosion/Irritation:** Not classified  
**Serious eye damage/irritation:** Not classified  
**Respiratory or skin sensitization:** Not classified  
**Germ cell mutagenicity:** Not classified  
**Carcinogenicity:** Not classified  
**Reproductive toxicity:** Not classified  
**STOT- single exposure:** Not classified  
**STOT-repeated exposure:** Not classified  
**Aspiration hazard:** Not classified

## 12. Ecological Information

### Toxicity:

Acute toxicity		Time	Species	Method	Evaluation	Remarks
LC50	N/A	96h	Fish	OECD 203	N/A	N/A
EC50	N/A	48h	Daphnia	OECD 202	N/A	N/A
EC50	N/A	72h	Algae	OECD 201	N/A	N/A

**Persistence and degradability:** Not available.  
**Bioaccumulative potential:** Not available.  
**Mobility in soil:** Not available.  
**Results of PBT&vPvB assessment:** Not available.  
**Other adverse effects:** No known significant effects or critical hazards.

## 13. Disposal Considerations

**Disposal instructions** Dispose of contents/container in accordance with local/regional/national/international regulations.  
**Contaminated packaging** Since emptied containers may retain product residue, follow label warnings even after container is emptied.

## 14. Transport Information

### DOT

#### Basic shipping requirements:

**UN number** Not regulated  
**Proper shipping name** Not regulated

**Hazard class** Not regulated  
**Packing group** Not regulated  
**Environmental hazards** No

**IATA**

**UN number** Not regulated  
**UN proper shipping name** Not regulated  
**Transport hazard class(es)** Not regulated  
**Packing group** Not regulated

**IMDG**

**UN number** Not regulated  
**UN proper shipping name** Not regulated  
**Transport hazard class(es)** Not regulated  
**Packing group** Not regulated  
**Environmental hazards** No

**15. Regulatory Information**

**Safety, health and environmental regulations/legislation specific for the substance or mixture:**

<b>Polyethylene(PE) (9002-88-4) is found on the following regulatory lists</b>	US Toxic Substances Control Act (TSCA) - Chemical Substance Inventory
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**16. Other Information**

**HMIS® ratings** Health: 0  
Flammability: 1  
Physical hazard: 0

**NFPA ratings** Health: 0  
Flammability: 1  
Instability: 0

**Disclaimer** The information in the sheet was written based on the best knowledge and experience currently available.

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