

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

Woven/coated polyethylene

Issue date: 09/21/2017

Version 1.0

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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
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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 (CO₂).

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 ³	110 mg/m ³	1000 mg/m ³

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.

Skin protection	Wear appropriate gloves and protective clothing to prevent skin exposure.
Respiratory protection	Avoid breathing dust. In case of insufficient ventilation, wear suitable respiratory equipment.
General hygiene considerations	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

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

10. Chemical Stability & Reactivity Information

Chemical stability	Material is stable under normal conditions.
Conditions to avoid	Incompatible materials. Prevent exposure to high temperatures and open flames.
Incompatible materials	Strong oxidizers.
Hazardous decomposition products	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:

Polyethylene(PE) (9002-88-4) is found on the following regulatory lists	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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