

Material Safety Data Sheet

1. PRODUCT AND COMPANY IDENTIFICATION

Product name : Vapor Barrier Yarn
Company : GO SUNG Co., Ltd.
Address : # 927-9, Hajeo-ri, Paltan-myeon, Hwaseong-city, Gyeonggi-do, Korea
Telephone : + 82 31 356 5020
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Recommended use of the chemical and restrictions on use

Recommended use : Interior design

Restrictions on use : No data available

2. HAZARDS IDENTIFICATION

Globally Harmonized System of Classification and Labelling of Chemicals(GHS)

Physical hazard : Not applicable

Health hazard : Not applicable

Environment hazard : Not applicable

Label elements including precautionary statements

Symbol : Not applicable

Signal word : Not applicable

Hazard statements : Not applicable

Precautionary statements : Not applicable

3. COMPOSITION/INFORMATION ON INGREDIENTS

Ingredients	CAS No.	Concentration
Polyethylene	9002-88-4	75 % ~ 85 %
Glass fiber	65997-17-3	10 % ~ 15 %
Aluminium	7429-90-5	10 % ~ 15 %
Polyester	113669-97-9	< 5 %

4. FIRST AID MEASURES

In case of eye contact

No data available

In case of skin contact

No data available

If inhaled

If breathed in, move person into fresh air.

If not breathing, give artificial respiration.

If swallowed

Never give anything by mouth to an unconscious person.

Rinse mouth with water.

Potential Health Effects

May be harmful if swallowed.

5. FIRE-FIGHTING MEASURES

Flammable properties

Flash point : No flash occurred under 110 °C (Rapid equilibrium method)

Autoignition Temperature : No spontaneous combustion under 500 °C

Burning Rate : < 0.667 mm/s (UN TDG test & criteria - Test N1)

Suitable extinguishing media

Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide

Specific hazards arising from the chemical

No data available

Special protective equipment for fire-fighters

Wear self contained breathing apparatus for fire fighting if necessary.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions

No data available

Environmental precautions

No data available

Methods and materials for containment and cleaning up

No data available

7. HANDLING AND STORAGE

Precautions for safe handling

Provide appropriate exhaust ventilation at places where dust is formed.

Conditions for safe storage

Keep in a well-ventilated place.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Components with workplace control parameter

KOSHA : Aluminium - TWA : 10 mg/m³ (Powder)

US ACGIH : No data available

Personal protective equipment

Respiratory protection : No data available

Hand protection

General Protective gloves

Eye protection

General protective goggles

Skin and body protection

General working clothes

9. PHYSICAL AND CHEMICAL PROPERTIES

State : Solid at 20 °C

Appearance : Multilayer film

pH : 6.5 ~ 7.5 ※ Product : H₂O = 1:5(V/V)

Flash point : No flash occurred under 110 °C.

Autoignition temperature : No spontaneous combustion under 500 °C

Water solubility : Insoluble at 20 °C

Density : 1.184 at 20 °C

Melting range: > 85 °C

Lower explosion limit : Not applicable

Upper explosion limit : Not applicable

10. STABILITY AND REACTIVITY

Chemical stability

Stable under general condition

Conditions to avoid

Avoid dust formation.

Materials to avoid : No data available

Hazardous decomposition products : Carbon oxides

11. TOXICOLOGICAL INFORMATION

Acute toxicity : No data available

Skin corrosion/irritation : No data available

Serious eye damage/eye irritation : No data available

Respiratory or skin sensitization : No data available

Germ cell mutagenicity : No data available

Carcinogenicity : No data available

Reproductive toxicity : No data available

Specific target organ toxicity – single exposure (GHS) : No data available

Specific target organ toxicity – repeated exposure (GHS) : No data available

Aspiration hazard : No data available

12. ECOLOGICAL INFORMATION

Toxicity : No data available

Persistence and degradability : No data available

Bioaccumulative potential : No data available

Mobility in soil : No data available

Other adverse effects : No data available

13. DISPOSAL CONSIDERATIONS

Disposal consideration

Observe all environmental regulation.

Disposal precaution : No data available

14. TRANSPORT INFORMATION

UN TDG : Not dangerous goods

IMDG : Not dangerous goods

IATA : Not dangerous goods

Marine pollution : Not applicable

Special precaution

Fire EmS Guide (Recommendation) : F-E

Spillage EmS Guide (Recommendation) : S-E

15. REGULATORY INFORMATION

Korea Industrial Safety and Health Act : Not applicable

Korea Hazardous Materials Safety Control Act : Not hazardous material

Korea Toxic Chemicals Control Act : Not toxic chemical

16. OTHER INFORMATION

Issued Date : 2011. 3. 25

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Reference

- GHS Classification :

Korea MSDS Testing Laboratory's Certificate, OECD SIDS, IUCLID, US NLM, IARC

- Physical and chemical properties : Korea MSDS Testing Laboratory's Certificate

- Transport information : Korea MSDS Testing Laboratory's Certificate

- Toxic information : OECD SIDS, IUCLID, US NLM, IARC, KOSHA net

- Ecological information : KOSHA net

※ Hazards Testing and Classification

Korea MSDS Testing Laboratory

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This MSDS is composed in line with The Korea Occupational Safety and Health Act Article 41 to protect the health of the employees, and for documentation.

This MSDS is composed with reference to documents and criteria provided by KOSHA.

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