

- POLYESTER BINDER YARN MATERIAL SAFETY DATA SHEETS -

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2004.02.04

SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

1.1 Information about manufacturer

1.1.1 Company Name : SUHIL CO., Ltd

1.1.2 Address : 372 Gammun-Nonggong 1BK, Bokkwang-ri, Gammun-myun,
Kimchun-city, KyungBuk-Do, Korea

Tel : 82-54-439-2441~2

Fax : 82-54-439-2444

1.2 Product

1.2.1 General Name : Polyester Yarn

1.2.2 Synonyms : Polyester Yarn

SECTION 2. HAZARDOUS IDENTIFICATION

2.1 Health Effects

- Eye Contact :

No hazards of this material have been wholly investigated and known; but may cause eye effects.

- Skin Contact :

When it was exposed to mist or powder of this material under breaking or cracking, it may cause itchy or stimulation on skin.

- Inhalation :

No hazards of this material have been wholly investigated and known.

- Ingestion :

No hazards of this material have been wholly investigated and known; but direct ingestion may cause hazards effects.

SECTION 3. FIRST AID AND MEASURES

3.1 Eye Contact :

Immediately flush with fresh plenty of water in several time. If any symptoms of such as irritation are perceived, get medical attention by doctor's instruction.

3.2 Skin Contact :

Flush with fresh plenty of water. Remove stained or contaminated clothing.

3.3 Inhalation :

Remove to fresh air. And get medical attention as soon as possible.

3.4 Ingestion :

If vomited, immediately induce vomiting. Get medical attention.

SECTION 4. FIRE FIGHTING MEASURES

4.1 Flash point : Refer to Section 9 Physical and Chemical Properties.

4.2 Auto Ignition Temperature : No applicable and available information.

4.3 Lower/Upper Explosive Limit : No applicable and available information.

4.4 Extinguishing Media :

- If possible, transfer container of this material from fireplace to safe place.
- Extinguishing with dry chemical or CO₂.

SECTION 5. ACCIDENTAL RELEASE MEASURES

5.1 Action for Health Protection :

- Use protective equipment such as impermeable gloves, goggles and so forth.

5.2 Actions for Environmental Protection :

- Take action for this material not to influx in drainage systems or river, stream and lakes.

5.3 Removal and purification :

- In case of small leakage or spill, absorb leakage or spill with absorbent material E45 such as sand cottons. And place them in a chemical waste container.
- Obey relevant local state, federal and provincial laws and regulations.

SECTION 6. HANDLING AND STORAGE

6.1 Handling :

- For handling, use personal protective equipments. After handling wash throughly.

6.2 Storage :

- Store in a cool and dry place. Keep it away from heat sources material and direct light sources.
- Keep it away from oil or water.

SECTION 7. EXPOSURE CONTROLS AND PERSONAL PROTECTION

7.1 Exposure Limit : No applicble and available information.

7.2 Engineering Controls :

- Use adequate ventilation.

7.3 Respiratory Protection :

- Under normal handling conditions, not required protective equipment.

7.4 Eye protection :

- If required, use goggle.

7.5 Skin Protection :

- If required, use impermeable gloves when handling.

7.6 Sanitary Care :

- Wash clearly hand after handling.

SECTION 8. PHYSICAL AND CHEMICAL PROPERTIES

8.1 Appearance : Typical solid rod

8.2 Odor : Not determined

8.3 PH : Neutral

8.4 Solubility in water : Non-soluble

8.5 Flash point : Impossible to be determined

8.6 Tensile strength : min 1,200N/mm²

8.7 Explosive : No any component to cause explosion reaction

8.8 Oxidization : No applicble and available information.

8.9 Vapor Pressure : No applicble and available information.

SECTION 9. CHEMICAL STABILITY AND REACTIVITY

9.1 Chemical Stability :

- Very stable under normal condition, room temperature and air pressure.

9.2 Conditions to avoid instability or hazards :

- Avoid contacting with chemical strong acids.
- Avoid contacting with heat or humidity sources for long-term.
- Avoid contacting with strong oxidizing reagents

9.3 Hazardous polymerization :

- Will not occur under normal treating and handling condition.

9.4 Hazardous Decomposition Products :

- Will not occur under normal condition.

SECTION 10. TOXICOLOGICAL PROPERTIES

10.1 Acute Effects :

- No applicable and available information.

10.2 Carcinogenicity :

- Not any components inducing cancer or will not occur cancer.

10.3 Health Effects :

- Please refer Section 3. Hazardous Identification.

SECTION 11. ECOLOGICAL INFORMATION

11.1 Bionomic Toxicology :

- No applicable and available information.

11.2 Aquatic Toxicology :

- No applicable and available information.

SECTION 12. DISPOSAL CONSIDERATION

12.1 Disposal Method :

- Waste shall be disposed in accordance with relevant local, federal, state and provincial law or regulations.

SECTION 13. TRANSPORTATION INFORMATION

13.1 Relevant Shipping Classification and Regulations :

- No applicable and available information.

13.2 Proper Shipping Name :

- No applicable and available information.

SECTION 14 REGULATORY INFORMATION

14.1 Regulations on Korea Industrial Safety and Health Law :

- This product has not any hazardous components.

14.2 Regulations of Other Countries :

- No applicable and available information.