

MATERIAL SAFETY DATA SHEET (MSDS)

1. IDENTIFICATION OF THE SUBSTANCE / PREPARATION AND COMPANY UNDERTAKING

Product Name: PP Spunbond Nonwoven Fabric

Product Information: 100 % Polypropylene Fiber grade raw material blend with different types of additive Master Batches. Out of the silo the polymer is vacuumed to dosing station on top of the extruder. Inside the extruder it becomes melted and homogenised. Passing a filter system and a spin pump, the melt is distributed by a coathanger die, feeding the spinneret which forms a curtain of filaments. The filaments are cooled by means of a stream of air in a blowing area, drawn by aerodynamic forces and then transported to the downstream discharge channel. Here the filaments are swirled around and then deposited on the wire mesh belt as a random nonwoven material. This is transferred to the heat bonding calender which by heat and pressure sets the physical properties as tensiles and elongation of the final product. After calendaring the material is cooled by a water-cooled pair of rolls and then wound up.

Company Name: Sunshine Non Woven Fabric Co., Ltd

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2. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name: Polypropylene Spunbond Nonwoven Fabric.

Product Code: PPSBNWF

Hazardous Ingredients / Components: Not Applicable

CAS No.

Other Components: Risk Phrases & Symbol

For e.g.: Xi = Irritant, R36 = Irritating to eyes, R37 = Irritating to respiratory system, R38 = Irritating to skin

3. HAZARDS IDENTIFICATION

Health: Inhalation: - N/A
Skin Contact N/A
Eye Contact N/A
Ingestion N/A
Fire: Effect to body skin

4. FIRST – AID MEASURES

Inhalation:	Wash with cold water and consult to Physician.
Skin Contact:	Wash with cold water and consult to Physician.
Eye Contact:	Wash with cold water and consult to Physician.
Ingestion:	Wash with cold water and consult to Physician.

5. FIRE FIGHTING MEASURES

Extinguishing media:	Dry Powder
Fire Fighting Protective Equipment:	Hand Gloves, Spectacles, Helmet, Safety shoes, Apron
Specific Hazards:	N/A

6. ACCIDENTAL RELEASE MEASURES

Personal precautions:	N/A
Environmental precautions:	N/A
Method for cleaning up:	N/A

7. HANDLING AND STORAGE

Handling:	Manual or with the help of machine
Storage:	Keep in Dry place

8. EXPOSURE CONTROL / PERSONAL PROTECTION

Engineering measures:	N/A
Respirators	
Eye Protection	
Personal protective equipment:	
Gloves	
Safety glasses	
Occupational Exposure Limits – Hazardous Ingredients	

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Roll Goods
Form:	Solid
Colour:	As per customer requirement
Odour:	NIL
PH (Value):	N/A
Boiling Point:	N/A
Melting Point:	165 Degree centigrade
Flash Point:	N/A
Flammable Limits:	
Auto Ignition Temperature:	300 degree centigrade
Explosive Properties:	
Oxidising Properties:	
Vapour Pressure (mm Hg):	
Density (g/ml):	0.90 cc
Solubility (Water):	Not

Solubility (Other): Alcohol
Partition Coefficient:

10. STABILITY AND REACTIVITY

Hazardous Reactions: N/A
Hazardous Decomposition Product(s):
Conditions to avoid: Keep Away From direct sun exposure.
Materials to avoid: Sharp knife, sharp rod etc

11. TOXICOLOGY INFORMATION

Inhalation (LC50): N/A
Skin Contact (Dermal – LD50): N/A
Eye Contact: N/A
Ingestion (Oral – LD50) N/A

12. ECOLOGICAL INFORMATION

Environmental Hazards: N/A
Persistence and Degradation: After few months turns in to powder form
Toxicity: N/A
Effect on Effluent Treatment: N/A

13. DISPOSAL CONSIDERATIONS

Product & contaminated packaging: N/A

14. TRANSPORT INFORMATION

IATA:
ADR:
IMO:
UN NO.:

15. REGULATORY INFORMATION

Classification and labeling Danger symbol: N/A
Danger Label:
Safety phrases:

16. OTHER INFORMATION:-

Applications:-

- Hygiene
- Industrial Application
- Dust Collectors
- Filtration

Physical Properties:-

- High Air Permeability
- Thermo bonded No chemical
- Excellent bi-directional and wear properties
- Soft and Comfortable
- Grammage between 10-150 g/m²

Possible Additional Nonwoven Features:-

- Printing
- Lamination
- Electrostatic charging

By using Additives or pigment pastes

- Drying in every imaginable Shade
- Fire retardant properties
- Antistatic properties
- Increased UV and Gamma ray protection