

MSDS OF NON WOVEN FABRIC

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND COMPANY/UNDERTAKING

Product Name : - POLYPROPYLENE SPUNBOND NON-WOVEN FABRIC

Company Identification : - RAJSHREE FABRICS & VIMAL INDUSTRIES

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2. HAZARDS IDENTIFICATION

This material is not classified as hazardous substances.

3. COMPOSITION /INFORMATION ON INGREDIENTS

- Polypropylene : 89-100%
- Coloring Additives : 0-3%
- Other Special Additives : 0-8%

4. FIRST AID MEASURES

4.1 INHALATION : Not expected to be a problem, given the final form of the product.

4.2 SKIN CONTACT : Not expected to be a problem, given the final form of the product.

4.3 EYE CONTACT : Follow normal procedures for foreign objects in eye. Rinse eyes with water. If irritation persists, contact a physician. If symptoms, persist, Obtain medical attention.

4.4 INGESTION : Unlikely to be swallowed, given the final form of the product.

4.5 FURTHER MEDICAL TREATMENT : Unlikely to be required but if necessary treat symptomatically.

5. FIRE-FIGHTING MEASURES

5.1 Extinguishing Media : As appropriate for surrounding fire. Extinguish preferably with foam, carbon - dioxide or dry chemical powder.

5.2 Unsuitable Extinguishing Media : Do not use jet or water spray.

5.3 Fire Fighting Protective Equipment : A self-contained breathing apparatus and suitable protective Clothing should be worn in fire conditions like Hand Gloves, spectacles, Helmet, Safety shoes, Apron

5.4 Hazardous Decomposition products : Combustion or thermal decomposition will evolve toxic and Irritant vapors. Possible carbon monoxide, carbon dioxide, low molecular weight hydrocarbons when burned in an oxygen lean atmosphere.

5.5 Other : Can melt and burn in a fire. Molten material tends to flow or drip and will propagate fire.

6. ACCIDENTAL RELEASE MEASURES

6.1 Personal Precautions : Caution spillages may be slippery. Ensure suitable personal protection (Including respiratory protection) during removal of spillages.

6.2 Environmental Exposure Controls : Avoid release to the environment. Do not allow it to enter drains, sewers or watercourses.

6.3 Methods for Cleaning up : Sweep up and shovel into waste drums.

7. HANDLING AND STORAGE

Control dust formation. Keep away from heat and direct sunlight. Store at room temperature. Do not store near naked flames and other sources of ignition or strong oxidants, such as hot or concentrated nitric acid or fuming sulfuric acid.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Follow the principles of good occupational Hygiene to control personal exposures.

9. PHYSICAL AND CHEMICAL PROPERTIES

| | | |
|-------------------------------|---|---|
| 9.1 Physical state | : | Solid Non-woven fabric |
| 9.2 Color | : | As per customer requirement |
| 9.3 Odour | : | Odourless |
| 9.4 Decomposition | | |
| Temperature (°C) | : | >300 (572°F) |
| 9.6 Melting Point | : | 140-170 (284-338 °F) |
| 9.7 Specific gravity | : | 0.85-0.95 |
| 9.8 Solubility | : | Insoluble |
| 9.9 Embossing | : | Diamond type |
| 9.10 Other Information | | <ul style="list-style-type: none">• High Air Permeability• Thermally bonded. No chemicals involved• Excellent bi-directional and wear properties• Soft and Comfortable• Grammage between 6-180 grams per square meter |

10. STABILITY AND REACTIVITY

| | | |
|---------------------------------|---|----------------------------------|
| 10.1 Chemical Stability | : | Stable under normal conditions. |
| 10.2 Conditions to avoid | : | Heat and direct sunlight. |
| 10.3 Material to avoid | : | Direct contact with open flames. |

10.4 Hazardous Decomposition

| | | |
|----------------|---|--|
| Product | : | Carbon monoxide, Carbon dioxide, low molecular weight hydrocarbons when burned in an oxygen lean atmosphere. |
|----------------|---|--|

11. DISPOSAL CONSIDERATION

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|------------------------------------|---|--|
| 11.1 Regulatory Information | : | Do not allow enter drains, sewers or watercourses. |
| 11.2 Recommended | : | Refer to manufacture/supplier for information on Recovery/recycling. |

12. ECOLOGICAL INFORMATION

| | | |
|---|---|--|
| 12.1 Environmental fate and distribution | : | Insoluble in water. Floats on water. The product has low Mobility in soil. |
| 12.2 Persistence and Degradation | : | The product can be Oxo-biodegradable. Effort to reduce, reuse or recycle Waste conservation of energy and other resources. |

13. TRANSPORT INFORMATION

Not classified as dangerous for transport.

14. REGULATORY INFORMATION

Not classified as dangerous for supply/use. Meets the requirements stipulated in IS 10910 on “Specification for Polypropylene and its copolymers for safe use in contact with foodstuffs, pharmaceuticals, and drinking water”. Additives incorporated in this grade also conform to the positive list of constituents as prescribed in IS 10909.

15. POSSIBLE ADDITIONAL FEATURES

- PP/PE/BOPP Lamination or coating
- Hydrophilic – Absorbency Properties
- Fire retardant properties
- Antistatic properties
- Antimicrobial properties
- Fragrance
- Antislip properties
- Hydrophobic properties
- UV protection properties



16. OTHER INFORMATION

Material for this MSDS was taken from MSDSs for raw materials.

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