



**Safety Datasheet: Needlefelt Nonwoven**

**Print Date: 11/01/18**

**Review date: 01/04/2019**

**SECTION 1 – PRODUCT AND COMPANY IDENTIFICATION**

Product Name	Needle Felt Nonwoven
Manufacturer	Technical Absorbents Limited 1 Moody Lane Great Coates Grimsby DN31 2SS United Kingdom
Telephone	+44(0) 1472 245200
Email	sales@techabsorbents.com
Emergency Telephone	+44(0) 1472 245200 (office hours only)
Product use	Nonwoven, laminated airlaid fabric.

**SECTION 2 – HAZARDS IDENTIFICATION**

Based upon pertinent data available, nonwoven fabrics are “articles” and are not hazardous under OSHA Hazard Communication Standard (29 CFR 1910.120).

GHS Label Elements	Not required
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a Technical Absorbents product

### SECTION 3 – COMPOSITION/INFORMATION ON INGREDIENTS

Substance	Average Content
Super Absorbent Fibre	5-95%
Polyethylene Fibre	0-95%
Polyester Fibre	0-95%
Polypropylene Fibre	0-95%
Viscose	0-40%
Cotton Fibre	0-40%
Polyethylene Terephthalate Fibre	0-40%

### SECTION 4 – FIRST AID MEASURES

Eye contact	As with any foreign object, flush with water for 15 minutes. If pain or irritation persists, obtain medical advice
Skin contact	Wash with soap and water. In case of irritation, obtain medical advice
Ingestion	Not likely in current form
Inhalation	Not likely in current form

### SECTION 5 – FIRE FIGHTING MEASURES

Suitable extinguishing media	Carbon dioxide, water spray, dry powder, foam
Further information	Product can absorb up to 150 times its own weight in water

### SECTION 6 – ACCIDENTAL RELEASE MEASURES

Environmental precautions	None.
Clean up methods	General housekeeping. No specific method required

### SECTION 7 – HANDLING AND STORAGE

Handling	Avoid contact with eyes, skin and clothing. Avoid breathing dust if generated by processing No special handling unless large rolls are used
Storage	Store unopened in original packaging Avoid wet, damp or humid conditions

## SECTION 8 – EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure limit values	
There are no Community workplace exposure limits for this material	
Recommended industrial hygiene guideline: Mechanical processing of fabric may create dust. If dust is generated personal exposure to dust should be kept below the safe (no effect level) for super absorbent dusts of 0.05mg/m <sup>3</sup> of respirable dust (particle size <10µm).	
Occupational exposure controls	
Engineering measures	Local exhaust ventilation should be employed to control airborne levels of fly, if process generates dust
Respiratory protection	Dust mask required, if dust is being created
Hand protection	Not normally required
Eye protection	Not normally required
Skin protection	Not normally required
Hygiene measures	Do not eat, drink or smoke whilst handling the product Wash hands after use
Environmental exposure controls	
No specific control measures required	

## SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

Appearance	White, nonwoven fabric
Odour	None
pH	~6
Flash point (closed cup)	~230°C
Flammability	Non flammable
Explosive properties	None known
Oxidising properties	None known
Relative density	Not known
Solubility	Insoluble, but swells in water

## SECTION 10 – STABILITY AND REACTIVITY

Stability	Stable and unreactive
Conditions to avoid	Avoid wet and humid conditions as material absorbs water and moisture
Hazardous decomposition products	Thermal decomposition or combustion may produce oxides of carbon and various hydrocarbons which may be irritating or harmful

## SECTION 11 – TOXICOLOGICAL INFORMATION

Eye contact	Prolonged contact may cause mild irritation in some individuals
Skin contact	Prolonged contact may cause mild irritation in some individuals
Injection	Not likely under normal use
Inhalation	Not likely under normal use
Ingestion	Not likely under normal use

Eye effects	Not toxic, may irritate eyes
Skin effects	Not toxic, may irritate skin
Target organs	None
Chronic	There are no known health effects from the long term use or contact
Carcinogenicity	Not believed to be carcinogenic
Mutagenicity and reproductive effects	Not believed to be mutagenic or a reproductive hazard

## SECTION 12 – ECOLOGICAL INFORMATION

Not expected to be hazardous to the environment in its present form

## SECTION 13 – DISPOSAL CONSIDERATIONS

Dispose of in accordance with local, national and National regulations

Raw material is classed as non-hazardous for waste disposal purposes

Packaging material is classed as non-hazardous for waste disposal purposes

In the UK waste material and packaging must be sent for recycling, recovery or disposal to a facility operated in accordance with the Environmental Permitting (England and Wales) Regulations 2007.

## SECTION 14 – TRANSPORT INFORMATION

No special precautions required. Not a transport hazard.

## SECTION 15 – REGULATORY INFORMATION

Label	Not a dangerous substance or preparation
Symbol	N/A
Risk phrases	N/A
Safety phrases	N/A
General nature of risk	Non-hazardous

## SECTION 16 – OTHER INFORMATION

To the best of our knowledge, the information contained in this Safety Data Sheet is correct at the date of its publication. Technical Absorbents Limited does not assume any liability whatsoever for the accuracy or completeness of the information contained herein.

The information is designed only as guidance for the safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification.

Final determination of suitability of any material is the sole responsibility of the user. Provided our products are handled and used in accordance with the advice given they should present no risk to the health and safety of the user or the environment.