



**Technical
Absorbents**

SAF™

Safety Datasheet: SAF™ Fabric 2827

Revision: 31/01/2023

SECTION 1 – PRODUCT AND COMPANY IDENTIFICATION

Product Name	Type 2827
Product use	Nonwoven fabric
Supplier	Technical Absorbents Limited Energy Park Way Grimsby North East Lincolnshire DN31 2TT United Kingdom
Telephone	+44(0) 1472 245200
Email	info@exploresaf.com
Emergency Telephone	+44(0) 1472 245200 (office hours only)

SECTION 2 – HAZARDS IDENTIFICATION

Classification of the substance or mixture - Classification according to Regulation (EC) No 1272/2008 Not classified as hazardous to human health or the environment.	
Labelling Requirements	
Signal Word	None
Hazard Statements	None
Precautionary Statements	None
Hazardous components which must be listed on the label	None
Other Hazards	
None	

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SECTION 3 – COMPOSITION/INFORMATION ON INGREDIENTS

Substance	Average Content
Polyester Fibre	Propriety Information
Super Absorbent Fibre	Propriety Information
Bicomponent Fibre	Propriety Information
Polyethylene Fibre	Propriety Information

SECTION 4 – FIRST AID MEASURES

Inhalation	Move to fresh air in case of accidental inhalation of fumes from overheating or combustion
Skin	No hazards which require special first aid measures
Eyes	As with any foreign object, flush with water for 15 minutes. If pain or irritation persists, obtain medical advice
Ingestion	No hazards which require special first aid measures
Most important symptoms and effects, both acute and delayed	None Known
Indication of any immediate medical attention and special treatment needed	None Known

SECTION 5 – FIRE FIGHTING MEASURES

Suitable extinguishing media	Carbon dioxide, water spray, dry powder, foam
Hazardous combustion products	Carbon and various hydrocarbon oxides
Further information	Product can absorb up to 40 times its own weight in water

SECTION 6 – ACCIDENTAL RELEASE MEASURES

Personnel precautions	None
Environmental precautions	None
Clean up methods	General housekeeping No specific methods required Trace residues may be washed away with water
Reference to other sections	
Emergency contact	See section 1
Information on personal protective equipment	See section 8
Disposal	See section 13

SECTION 7 – HANDLING AND STORAGE

Handling	Avoid contact with eyes, skin and clothes 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
Materials to avoid	Strong oxidizing agents, strong acids and strong bases

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SECTION 8 – EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure limit values	
There are no Community workplace exposure limits for this material 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 ³ 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	No personal respiratory protective equipment normally required
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

Physical State	Solid, nonwoven fabric
Colour	White
Odour, Odour Threshold	N/A
Melting point	Not measured
Boiling Point	Not measured
Flammability	Not measured
Lower and Upper Explosion Limit	N/A
Flash Point	N/A
Auto-Ignition Temperature	N/A
Decomposition Temperature	Not measured
pH	~6
Kinematic Viscosity	N/A
Solubility	Insoluble in water
Partial Coefficient n-Octanol / Water (Log Value)	Not measured
Vapour Pressure	N/A
Density and/or relative Density	Not measured
Relative Vapour Density	N/A
Particle Characteristics	38 – 52mm cylindrical fibres, 0.3 - 30µ

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SECTION 10 – STABILITY AND REACTIVITY

Reactivity	No decomposition if stored and applied as directed
Chemical stability	Stable under normal conditions
Possibility of hazardous reactions	No hazards to be specially mentioned. No decomposition if stored and applied as directed
Conditions to avoid	Do not expose to temperatures above 200°C Avoid wet and humid conditions as material absorbs water and moisture
Incompatible materials	Strong oxidizing agents, strong acids and strong bases
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

Acute Toxicity	Not toxic
Skin irritation	Not toxic
Serious eye irritation	Not toxic
Respiratory or skin sensitisation	None known
Germ cell mutagenicity	Not believed to be mutagenic
Carcinogenicity	Not believed to be carcinogenic
Reproductive toxicity	Not believed to be a reproductive hazard
STOT-single exposure	Not believed to be a hazard
STOT-repeated exposure	Not believed to be a hazard
Aspiration hazard	Not likely under normal use

SECTION 12 – ECOLOGICAL INFORMATION

Toxicity	
Based on studies this product is not toxic and not classified as harmful to aquatic life	
Persistence and degradability	
Biological degradability	No data available
Hydrolysis	No data available
Photolysis	No data available
Bio accumulative potential	
No data available	
Mobility in soil	
No data available	
Results of PBT and vPvB assessment	
No data available	
Other adverse effects	
Product can absorb up to 40 times its own weight in water, will readily block drains if in sufficient quantities	

SECTION 13 – DISPOSAL CONSIDERATIONS

Dispose of in accordance with local 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

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SECTION 14 – TRANSPORT INFORMATION

UN number	
UN Number Road	Not dangerous goods
UN No. (IMDG)	Not dangerous goods
UN No. (ICAO)	Not dangerous goods
UN proper shipping name	
Proper Shipping Name	-
Transport hazard class(es)	
ADR/RID/ADN Class	-
ICAO Class/Division	-
Packing group	
ADR/RID/ADN Packing group	-
IMDG Packing group	-
ICAO Packing group	-
Environmental hazards	
Environmentally Hazardous Substance/Marine Pollutant	No
Special precautions for user	
Tunnel Restriction Code	-

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.