



**Technical
Absorbents**

SAF™

Safety Datasheet: SAF™ Fabric 7144
Revision: 19/05/2022

SECTION 1 – PRODUCT AND COMPANY IDENTIFICATION

| | |
|---------------------|---|
| Product Name | Type 7144 |
| Product use | Nonwoven, carded, needle felt 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 |
|---------------------------|-----------------------|
| Super Absorbent Fibre | Propriety Information |
| Polyester Staple Fibre | Propriety Information |
| Bi-component Staple 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 20 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 160°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 20 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.

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