

SAFETY DATA SHEET

SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1. Product identifier:

Traffic Rug

includes our TR and STM series sorbent rolls and pads

1.2. Relevant identified uses of the substance or mixture and uses advised against:

Rug to cover heavy-traffic aisle ways. For industrial and professional use.

In accordance with Regulation 1907/2006/EC (REACH), the product is considered an article, for which a safety data sheet is not required. The following information is only indicative in order to ensure safe use of the product.

1.3. Details of the supplier of the safety data sheet:

Information about the manufacturer:

FyterTech Nonwovens, LLC

2121-B American Blvd

De Pere, WI 54115

Tel: (800) 615-8699

Web: www.fytertech.com

Email: cs@fytertech.com

1.3.1. Responsible person: Customer Service
E-mail: cs@fytertech.com

1.4. Emergency telephone number: (800) 424-9300 (USA); +1 (703) 527-3887 (International and Maritime)

SECTION 2: HAZARDS IDENTIFICATION

2.1. Classification of the substance or mixture:

Classification according to Regulation (EC) No 1272/2008 (CLP):

Not considered as hazardous mixture.

Hazard statements: No hazard statements.

2.2. Label elements:

Hazard statements: No hazard statements.

Precautionary statements: No precautionary statements.

2.3. Other hazards:

Inhalation: Cellulose dust created from slitting or cutting operations can cause respiratory irritation.

Eye contact: Cellulose dust created from slitting or cutting operations may cause eye irritation.

Skin contact/absorption: No adverse effects anticipated by skin absorption or skin contact.

Results of PBT and vPvB assessment: No data available.

Endocrine disrupting property: Based on available data, does not contain endocrine disruptors.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.1. Substances:
Not applicable.

3.2. Mixtures:

Description	CAS number	EC number / ECHA list number	REACH registration number	Conc. (%)	Classification according to Regulation (EC) No 1272/2008 (CLP)		
					Pictogram, signal word code(s)	Hazard class and category code(s)	Hazard statement code(s)
Polypropylene*	9003-07-0	618-352-4	-	50 – 60	-	not classified	-
Ethene, homopolymer*	9002-88-4	618-339-3	-	40 – 50	-	not classified	-
Minor additives*	mixture	mixture	-	<1	-	not classified	-
Carbon black*	1333-86-4	215-609-9	-	<0.35	-	not classified	-

*: Classification specified by the manufacturer; the substance is not listed in Annex VI of the Regulation (EC) No 1272/2008.

Note: Pigments, vehicles, and additives are fully encapsulated in resin and are not expected to cause any hazardous conditions when processed in accordance with good manufacturing practices.

Carbon black has been evaluated by IARC as possibly carcinogenic to humans (GROUP 2B). The ACGIH classifies carbon black as A4-Not Classified as Human Carcinogen. Carbon black is a California Proposition 65 listed substance if three qualifiers are met (airborne, unbound-not bound within a matrix, and respirable size -10 micrometers or less in diameter.) This product does not exhibit carbon black in any of these qualifying conditions.

SECTION 4: FIRST AID MEASURES

4.1. Description of first aid measures:

General information: In case of adverse exposure to vapours and/or aerosols formed at elevated temperatures, immediately remove the victim from exposure.

INGESTION:

Measures:

- Uncharacteristic route of exposure.
- Rinse mouth with water.
- In case of symptoms, obtain medical attention.

INHALATION:

Measures:

- If respiratory arrest occurs, provide artificial respiration.

SKIN CONTACT:

Measures:

- Wash the skin with plenty of water and soap.
- In case of symptoms, obtain medical attention.

EYE CONTACT:

Measures:

- If in eye, remove as one would any foreign object.
- Flush with water if irritation occurs.

4.2. Most important symptoms and effects, both acute and delayed:

Eye contact: Abrasive irritation is expected if in eyes.

Inhalation: May cause temporary discomfort to upper respiratory tract due to mechanical irritation when exposures are above the occupational exposure limit.

4.3. Indication of any immediate medical attention and special treatment needed:

No special treatment needed; treat symptomatically.

SECTION 5: FIREFIGHTING MEASURES

- 5.1. **Extinguishing media:**
5.1.1. **Suitable extinguishing media:**
Water fog, foam, dry chemical, carbon dioxide.
5.1.2. **Unsuitable extinguishing media:**
No data available.
- 5.2. **Special hazards arising from the substance or mixture:**
In case of fire, smoke and other combustion products may be formed; the inhalation of such combustion products can have serious adverse effects on health.
- 5.3. **Advice for firefighters:**
Wear full protective clothing and self-contained breathing apparatus.
Avoid temperatures above 93 °C.
Avoid extreme conditions of heat and humidity. Do not store near open flames.

SECTION 6: ACCIDENTAL RELEASE MEASURES

- 6.1. **Personal precautions, protective equipment and emergency procedures:**
6.1.1. **For non-emergency personnel:**
Allow only well-trained experts wearing suitable protective clothing to abide in the field of accident.
6.1.2. **For emergency responders:**
No special precautions required.
- 6.2. **Environmental precautions:**
Dispose of the spillage and the resulting waste according to the applicable environmental regulations. Do not allow the product and the resulting waste to enter sewers/soil/surface or ground water. Notify the respective authorities in accordance with local law in the case of environmental pollution immediately.
- 6.3. **Methods and material for containment and cleaning up:**
If product is not contaminated, return to proper package for use.
If product is contaminated, place in proper container for disposal.
- 6.4. **Reference to other sections:**
For further and detailed information see Sections 8 and 13.

SECTION 7: HANDLING AND STORAGE

- 7.1. **Precautions for safe handling:**
Observe conventional hygiene precautions.
Technical measures:
No special measures required.
Precautions against fire and explosion:
No special measures required.
- 7.2. **Conditions for safe storage, including any incompatibilities:**
Technical measures and storage condition:
Store coated fabric in a warehouse equipped with a sprinkler system.
Avoid temperatures above 93 °C.
Avoid extreme conditions of heat and humidity.
Do not store near open flames.
Incompatible materials: See Section 10.5.
Packaging material: No special prescriptions.
- 7.3. **Specific end use(s):**
No specific instructions available.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

- 8.1. **Control parameters:**
Occupational exposure limit values (Commission Directive (EC) No 2000/39 of 8 June 2000):
The components of the mixture are not regulated with exposure limit value.

DNEL values		Oral exposure		Dermal exposure		Inhalative exposure	
		Short term (acute)	Long term (chronic)	Short term (acute)	Long term (chronic)	Short term (acute)	Long term (chronic)
Consumer	Local	no data	no data	no data	no data	no data	no data
	Systemic	no data	no data	no data	no data	no data	no data
Worker	Local	no data	no data	no data	no data	no data	no data
	Systemic	no data	no data	no data	no data	no data	no data

PNEC values		
Compartment	Value	Note(s)
Freshwater	no data	no notes
Marine water	no data	no notes
Freshwater sediment	no data	no notes
Marine water sediment	no data	no notes
Sewage Treatment Plant (STP)	no data	no notes
Intermittent release	no data	no notes
Secondary poisoning	no data	no notes
Soil	no data	no notes

8.2. **Exposure controls:**

In case of a hazardous material with no controlled concentration limit it is the employer's duty to keep concentration levels down to a minimum achievable by existing scientific and technological means, where the hazardous substance poses no harm to workers.

8.2.1. **Appropriate engineering controls:**

In pursuance of work is proper foresight needed to avoid spilling onto clothes and floors and to avoid contact with eyes and skin.

8.2.2. **Individual protection measures, such as personal protective equipment:**

1. **Eye/face protection:** No significant irritation expected other than possible mechanical irritation. Eye wash station and safety shower should be near work area.
2. **Skin protection:**
 - a. **Hand protection:** Not required.
 - b. **Other:** Not required.
3. **Respiratory protection:** Not required; however, use of adequate ventilation is good industrial practice. If dust is generated and ventilation is inadequate, use appropriate respirator that will protect against dust.
4. **Thermal hazards:** No thermal hazards known.

8.2.3. **Environmental exposure controls:**

No specific prescription.

The requirements detailed in Section 8 assume skilled work under normal conditions and usage of the product for appropriate aims. If conditions differ from normal or work is carried out under extreme conditions, an expert's advice is necessary before deciding upon further protective measures.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1. **Information on basic physical and chemical properties:**

Parameter	Value / Test method / Remarks
1. Physical state	coated nonwoven
2. Colour	black
3. Odour, odour threshold	none to mild odour
4. Melting point/freezing point	160 °C
5. Boiling point or initial boiling point and boiling range	no data*
6. Flammability	no data*
7. Lower and upper explosion limit	no data*
8. Flash point	no data*
9. Auto-ignition temperature	>357 °C
10. Decomposition temperature	no data*
11. pH	no data*
12. Kinematic viscosity	no data*

13. Solubility in water in other solvents	no data*
14. Partition coefficient n-octanol/water (log value)	no data*
15. Vapour pressure	no data*
16. Density and/or relative density	no data*
17. Relative vapour density	no data*
18. Particle characteristics	no data*

9.2. Other information:

9.2.1. Information with regard to physical hazard classes:

No further data available or not applicable for the product.

9.2.2. Other safety characteristics:

No other characteristics available.

*: The manufacturer did not carry out any tests on this parameter for the product or the results of the tests are not available at the time of publication of the data sheet, or the property is not applicable for the product.

SECTION 10: STABILITY AND REACTIVITY

10.1. Reactivity:

No reactivity known.

10.2. Chemical stability:

Stable under normal conditions.

10.3. Possibility of hazardous reactions:

Hazardous polymerization is not expected.

10.4. Conditions to avoid:

Keep away from sparks, flames, and build-up of static electricity.

10.5. Incompatible materials:

No incompatible materials known.

10.6. Hazardous decomposition products:

No hazardous decomposition products known.

SECTION 11: TOXICOLOGICAL INFORMATION

11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008:

Acute toxicity: Based on available data, the classification criteria are not met.

Skin corrosion/irritation: Based on available data, the classification criteria are not met.

Serious eye damage/irritation: Based on available data, the classification criteria are not met.

Respiratory or skin sensitisation: Based on available data, the classification criteria are not met.

Germ cell mutagenicity: Based on available data, the classification criteria are not met.

Carcinogenicity: Based on available data, the classification criteria are not met.

Reproductive toxicity: Based on available data, the classification criteria are not met.

STOT-single exposure: Based on available data, the classification criteria are not met.

STOT-repeated exposure: Based on available data, the classification criteria are not met.

Aspiration hazard: Based on available data, the classification criteria are not met.

11.1.1. Summaries of the information derived from the test conducted:

No data available.

11.1.2. Relevant toxicological properties:

No data available about the product.

Information about the components:

Carbon black (CAS: 1333-86-4):

Carcinogenicity:

Carbon black is classified as a Group 2B possible human carcinogen. When encapsulated in a plastic matrix, risk of exposure is minimized.

Carbon black has been evaluated by IARC as possibly carcinogenic to humans (Group 2B) based on "sufficient evidence" in animals and "inadequate evidence in humans." Recent evidence indicates that the phenomenon of carcinogenicity in the rat lung is species-specific, resulting from persistent overloading of the rat lung with poorly soluble particles <1.0 micrometer in diameter. Mortality studies of carbon black exposure and elevated lung cancer rates. The ACGIH (American Conference of Governmental Industrial Hygienists) classifies carbon black as A4, Not Classifiable as a Human Carcinogen.

Polycyclic Aromatic Hydrocarbon (PAH) or polynuclear aromatics (PNA) content of manufactured carbon blacks: In non-adsorbed forms, some PAHs contained in carbon black are not bioavailable. Modern production and quality control procedures are generally able to maintain extractable PAH level to 0.1% (<1000 ppm) in carbon black with PAHs. High purity furnace blacks contain PAHs not exceeding 0.5 PPM. There are no known human carcinogenic effects related to the PAH content of carbon blacks. Recent research has shown that the PAH content of carbon blacks is not released in biological fluids and thus not available for biological activity, according to information from Carbon Black manufacturers and the ICBA (International Carbon Black Association). Carbon Black is a California Proposition 65 listed substance if all three qualifiers are met (Airborne, unbound (not bound within a matrix), and respirable size (10 micrometers or less in diameter)).

Exposure to carbon black may cause minor skin irritation and respiratory irritation. Precautions against breathing dust should be followed when handling and working with material containing carbon black.

Carbon black is a California Proposition 65 listed substance if three qualifiers are met (airborne, unbound-not bound within a matrix, and respirable size -10 micrometers or less in diameter.) This product does not exhibit carbon black in any of these qualifying conditions.

11.1.3. Information on likely routes of exposure:

Inhalation, skin contact, eye contact.

11.1.4. Symptoms related to the physical, chemical and toxicological characteristics:

Inhalation: Cellulose dust created from slitting or cutting operations can cause respiratory irritation. May cause temporary discomfort to upper respiratory tract due to mechanical irritation when exposures are above the occupational exposure limit.

Eye contact: Cellulose dust created from slitting or cutting operations may cause eye irritation. Abrasive irritation is expected if in eyes.

11.1.5. Delayed and immediate effects as well as chronic effects from short and long-term exposure:

No data available.

11.1.6. Interactive effects:

No data available.

11.1.7. Absence of specific data:

No information.

11.2. Information on other hazards:

Endocrine disrupting properties:

Endocrine disrupting property: Based on available data, does not contain endocrine disruptors.

Other information:

No data available.

SECTION 12: ECOLOGICAL INFORMATION

12.1. Toxicity:

The mixture is not classified as hazardous for the environment.

12.2. Persistence and degradability:

No data available.

12.3. Bioaccumulative potential:

No data available.

12.4. Mobility in soil:

No data available.

12.5. Results of PBT and vPvB assessment:

No data available.

12.6. Endocrine disrupting properties:

Endocrine disrupting property: Based on available data, does not contain endocrine disruptors.

12.7. Other adverse effects:

No data available.

SECTION 13: DISPOSAL CONSIDERATIONS

13.1. Waste treatment methods:

Disposal according to the local regulations.

13.1.1. Information regarding the disposal of the product:

Dispose of in accordance with applicable regulations. Sweep up waste fabric and recycle, incinerate, or landfill.

List of Waste Code:

No waste disposal key according to the List of Waste Code (LoW code) can be determined for this product, as only the purpose of application defined by the user enables an allocation. The LoW code number has to be determined after a discussion with a waste disposal specialist.

- 13.1.2. Information regarding the disposal of the packaging:**
Dispose of in accordance with applicable regulations.
- 13.1.3. Physical/chemical properties that may affect waste treatment options shall be specified:**
No data available.
- 13.1.4. Sewage disposal:**
No data available.
- 13.1.5. Special precautions for any recommended waste treatment:**
No data available.

SECTION 14: TRANSPORT INFORMATION

ADR/RID; ADN; IMDG; IATA:
Not subject to the conventions of carriage of dangerous goods.

- 14.1. UN number or ID number:**
No UN or ID number.
- 14.2. UN proper shipping name:**
No proper shipping name.
- 14.3. Transport hazard class(es):**
No transport hazard classes.
- 14.4. Packing group:**
No packing group.
- 14.5. Environmental hazards:**
No relevant information available.
- 14.6. Special precautions for user:**
No relevant information available.
- 14.7. Maritime transport in bulk according to IMO instruments:**
Not applicable.

SECTION 15: REGULATORY INFORMATION

- 15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture:**

REGULATION (EC) No 1907/2006 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive (EC) No 1999/45 and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive (EEC) No 76/769 and Commission Directives (EEC) No 91/155, (EEC) No 93/67, (EC) No 93/105 and (EC) No 2000/21

REGULATION (EC) No 1272/2008 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives (EEC) No 67/548 and (EC) No 1999/45, and amending Regulation (EC) No 1907/2006

COMMISSION REGULATION (EU) 2020/878 of 18 June 2020 amending Annex II to Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH)

- 15.2. Chemical safety assessment:** No information.

SECTION 16: OTHER INFORMATION

Information regarding the revision of the safety data sheet:

Changes compared to the previous version: Sections 1.2, 1.3 and 16 of the safety data sheet have been modified.
The composition and hazard classification of the mixture did not change compared to the previous version.

This safety data sheet supersedes all previous versions according to Annex II of Regulation (EC) No 1907/2006.

Literature references / data sources:

Previous version of the safety data sheet (04. 11. 2022, version 2)
Information provided by the manufacturer.

Methods used for the classification according to Regulation (EC) No 1272/2008:

Based on the calculation method carried out on the basis of the known hazards of the components, not considered as a hazardous mixture.

Relevant hazard statements (code and full text) of Sections 2 and 3: No relevant statements.

Training advice: No data available.

Full text of the abbreviations in the safety data sheet:

ADN: European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways.

ADR: Agreement concerning the International Carriage of Dangerous Goods by Road.

ATE: Acute Toxicity Estimate.

AOX: Adsorbable organic halides.

BCF: Bioconcentration factor.

BOD: Biological Oxygen Demand.

CAS number: Chemical Abstract Service number.

CLP: Regulation (EC) No 1272/2008 on classification, labelling and packaging of substances and mixtures.

CMR effects: Carcinogenic, mutagenic, reprotoxic effects.

COD: Chemical Oxygen Demand.

CSA: Chemical Safety Assessment.

CSR: Chemical Safety Report.

DNEL: Derived-No-Effect-Level.

ECHA: European Chemical Agency.

EC: European Community.

EC number: EINECS and ELINCS numbers (see also EINECS and ELINCS).

EEC: European Economic Community.

EEA: European Economic Area (EU + Iceland, Liechtenstein and Norway).

EINECS: European Inventory of Existing Commercial Chemical Substances.

ELINCS: European List of Notified Chemical Substances.

EN: European Norm.

EU: European Union.

EuPCS: European Product Categorisation System.

EWC: European Waste Catalogue (replaced by LoW – see below).

GHS: Globally Harmonized System of Classification and Labelling of Chemicals.

IATA: International Air Transport Association.

ICAO-TI: Technical Instructions for the Safe Transport of Dangerous Goods by Air.

IMDG: International Maritime Dangerous Goods.

IMO: International Maritime Organization.

IMSBC: International Maritime Solid Bulk Cargoes.

IUCLID: International Uniform Chemical Information Database.

IUPAC: International Union of Pure and Applied Chemistry.

Kow: n-Octanol - Water Partition Coefficient.

LC50: Lethal concentration resulting in 50 % mortality.

LD50: Lethal dose resulting in 50 % mortality (median lethal dose).

LoW: List of Waste.

LOEC: Lowest Observed Effect Concentration.

LOEL: Lowest Observed Effect Level.

NOEC: No Observed Effect Concentration.

NOEL: No Observed Effect Level.

NOAEC: No Observed Adverse Effect Concentration.

NOAEL: No Observed Adverse Effect Level.

OECD: Organization for Economic Cooperation and Development.

OSHA: Occupational Safety and Health Administration.

PBT: Persistent, Bioaccumulative and Toxic.

PNEC: Predicted No Effect Concentration.

QSAR: Quantitative Structure Activity Relationship.

REACH: Regulation 1907/2006/EC concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals.

RID: Regulations Concerning the International Transport of Dangerous Goods by Rail.

SCBA: Self Contained Breathing Apparatus.

SDS: Safety Data Sheet.

STOT: Specific Target Organ Toxicity.

SVHC: Substances of Very High Concern.

UN: United Nations.

UVCB: Chemical Substances of Unknown or Variable Composition, Complex Reaction Products and Biological Materials.

VOC: Volatile Organic Compound.

vPvB: very Persistent and very Bioaccumulative.

This safety data sheet had been prepared on the basis of information provided by the manufacturer/supplier and conform to the relevant regulations.

The information, data and recommendations contained herein are provided in good faith, obtained from reliable sources and believed to be true and accurate as of the date issued; however, no representation is made as to the comprehensiveness of the information.

The SDS shall be used only as a guide for handling the product; in the course of handling and using the product other considerations may arise or be required.

Users are cautioned to determine the appropriateness and applicability of the above information to their particular circumstances and purposes and assume all risk associated with the use of this product.

It is the responsibility of the user to fully comply with local, national and international regulations concerning the use of this product.

Safety data sheet was prepared by:
MSDS-Europe
International branch of ToxInfo Kft.

Professional help regarding
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