

Safety Data Sheet

PET Spunbonded Nonwovens

Printing date: 04/24/2015

Version 1.1

Revision date: 04/24/2015

1 Identification of the substance and of the company/undertaking

1.1 Product identifier:

Identification on the label/Trade name: PET Spunbonded Nonwovens
Product code: Not available
Identification of the product: CAS# 25038-59-9; EC#-

1.2 Relevant identified uses of the substance and uses advised against:

1.2.1 Identified uses:

For filtration.

1.2.2 Uses advised against:

Not available.

1.3 Details of the supplier of the safety data sheet:

Supplier(Manufacturer): MAPEI Corp
Address: 1144 E. Newport Center Drive, Deerfield Beach, Florida 33442
Contact person(E-mail): www.mapei.com
Telephone: 954-246-8888

1.4 Emergency telephone Number:

704 333 7514

Available outside office hours?

YES

NO

2 Hazards Identification

2.1 Classification of the substance

2.1.1 Classification:

The substance is classified as following according to GHS and 67/548/EEC:

GHS	
Hazard classes Hazard categories	Hazard statement
N/A	N/A

For full text of H- phrases: see section 2.2.

67/548/EEC	
Hazards characteristics	R-Phrases
N/A	N/A

For full text of R- phrases: see section 16.

2.1.2 The most important adverse effects

2.1.2.1 The most important adverse physicochemical effects:

Not applicable.

2.1.2.2 The most important adverse human health effects:

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Not applicable.

2.1.2.3 The most important adverse environmental effects:

Not applicable.

2.2 label elements

Hazard Pictograms:	No hazard pictogram is used.
Signal Word(S):	No signal word is used.
Hazard Statement:	Not applicable.
Precautionary Statement Prevention:	Not applicable.
Precautionary Statement Response:	Not applicable.
Precautionary Statement Storage:	Not applicable.
Precautionary Statement Disposal:	Not applicable.

3 Composition/information on ingredients

Substance/Mixture: Substance

Ingredient(s):

Chemical Name	CAS No.	EC No.	Concentration
PET (Polyethylene Terephthalate)	25038-59-9	-	100%

4 First aid measures

4.1 Description of first aid measures:

In all cases of doubt, or when symptoms persist, seek medical attention.

4.1.1 In case of inhalation:

If exposed to fumes from overheating, move to fresh air. Consult a physician if symptoms persist.

4.1.2 In case of skin contact:

Wash skin with plenty of water. If molten material contacts skin, cool rapidly with cold water. Do not attempt to peel material from skin. Obtain medical attention to thermal burn.

4.1.3 In case of eyes contact:

Flush eyes with water. Consult a physician if you feel unwell.

4.1.4 In case of ingestion:

Not a probable route of industrial exposure. However, if ingested, seek medical attention immediately.

4.2 Most important symptoms and effects, both acute and delayed

The product is not classified as harmful to human health effect.

4.3 Indication of any immediate medical attention and special treatment needed

If skin irritation or rash occurs, get medical advice/attention.

5 Fire-Fighting measures

5.1 Extinguishing media:

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Suitable extinguishing media: Use water spray, dry chemical, carbon dioxide, or foam.

Unsuitable extinguishing media: Not available.

5.2 Special hazards arising from the substance or mixture

Molten plastic can cause severe thermal burns. At temperatures above 350°C / 662°F, heavy fuming, carbon dioxide and carbon monoxide will occur.

5.3 Advice for fire-fighters:

As in any fire, wear self-contained positive-pressure breathing apparatus, (MSHA/NIOSH approved or equivalent) and full protective gear.

6 Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures:

Keep unnecessary people away, isolate hazard area and deny entry. Use personal protective equipment. Ensure adequate ventilation. If insufficient ventilation, wear suitable respiratory equipment. If material is in a dry state, avoid inhalation of dust.

6.2 Environmental Precautions:

Avoid disposing into drainage/sewer system or directly into the aquatic environment.

6.3 Methods for Containment and Cleaning up:

Not applicable to products in the solid state. Fine, dry material should be removed by vacuuming or wet sweeping methods to prevent spreading of dust. Avoid using compressed air. Collect material in appropriate, labeled containers for recovery or disposal in accordance with federal, state, and local regulations.

6.4 Additional information:

Don't use a brush or compressed air for cleaning surfaces or clothing.

Clear spills immediately.

7 Handling and storage

7.1 Safe handling:

7.1.1 Protective measures:

Operations with the potential for generating high concentrations of airborne particulates should be evaluated and controlled as necessary. Practice good housekeeping. Avoid breathing fume and/or dust. Use personal protective equipment. Ensure adequate ventilation. Wash thoroughly after handling. Secondary operations, such as grinding, sanding or sawing, can produce dust which may present a respiratory hazard.

7.1.2 Advice on general occupational hygiene:

Don't eat, drink and smoke in working area. Remove contaminated clothing before entering rest area.

7.2 Storage:

Store in a cool, dry, well-ventilated area, Keep away from incompatible substances.

8 Exposure control/personal protection

8.1 Control parameters:

8.1.1 Occupational exposure limits: Not available.

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8.1.2 Appropriate engineering controls:

Local exhaust at processing equipment to assure that particulate levels are kept at recommended levels.

8.2 Personal protection :

Eye/face protection	Safety glasses are recommended to prevent particulate matter from entering eyes while grinding or machining.
Hand protection	Protective gloves are required when handling hot polymer.
Body protection	Long sleeve cotton shirt and long pants if handling molten polymer.
Respiratory protection	None under normal processing, if ventilation is adequate.

9 Physical and chemical properties

9.1 Information on basic physical and chemical properties

Appearance:	Solid
Colour:	White
Odour:	Essentially odourless.
Odour threshold:	Not available
pH:	7
Melting point/range (°C):	225-260°C / 437-500°F
Boiling point/range (°C) :	Not available
Flash point (°C) :	Not available
Evaporation rate:	Not available
Flammability:	Not available
Ignition temperature (°C) :	Not available
Upper/lower flammability/explosive limits:	Not available
Vapour pressure (20°C) :	Not available
Vapour density:	Not available
Relative Density(20°C):	Not available
Bulk density (kg/m ³) :	Not available
Water solubility (g/l) at 20°C :	Insoluble
n-Octanol/Water (log Po/w) :	Not available
Auto-ignition temperature:	Not available
Decomposition temperature:	Not available
Viscosity, dynamic (mPa s) :	Not available
Explosive properties:	Non Explosive
Oxidising properties:	Not available

9.2. Other information:

Fat solubility(solvent- oil to be specified) etc:	Not available
Surface tension:	Not available
Dissociation constant in water(pKa):	Not available
Oxidation-reduction Potential:	Not available
Specific gravity:	1.33-1.43

10 Stability and reactivity

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10.1 Reactivity:

The substance is stable under normal storage and handling conditions.

10.2 Possibility of hazardous reactions:

No dangerous reactions known.

10.3 Conditions to avoid:

Incompatible materials.

10.4 Incompatible materials:

Strong oxidants and bases.

10.5 Hazardous decomposition products:

Hazardous gases or vapors can be released, including heavy fuming, carbon dioxide and carbon monoxide.

11 Toxicological information

11.1 Toxicokinetics, metabolism and distribution

Non-human toxicological data: Not available

11.2 Information on toxicological effects

Acute toxicity:

LD50(Oral, Rat): Not available

LD50(Dermal Rabbit): Not available

LC50(Inhalation, Rat): Not available

Skin corrosion/Irritation: Not classified

Serious eye damage/irritation: Not classified

Respiratory or skin sensitization: Not classified

Germ cell mutagenicity: Not classified

Carcinogenicity: Not classified

Reproductive toxicity: Not classified

STOT- single exposure: Not classified

STOT-repeated exposure: Not classified

Aspiration hazard: Not classified

12 Ecological information

Toxicity:

Acute toxicity		Time	Species	Method	Evaluation	Remarks
LC50	N/A	96h	Fish	OECD 203	N/A	N/A
EC50	N/A	48h	Daphnia	OECD 202	N/A	N/A
EC50	N/A	72h	Algae	OECD 201	N/A	N/A

Persistence and degradability: Not available.

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Bioaccumulative potential: Not available.

Mobility in soil: Not available.

13 Disposal considerations

13.1 Waste treatment methods

It should be recycled whenever possible. Product dusts and fumes from processing operations should also be recycled, or classified by a competent environmental professional and disposed of in accordance with applicable Federal, state or local regulations.

13.2 Product / Packaging disposal:

If empty container retains product residues, all label precautions must be observed. Return for reuse or dispose according to national or local regulations.

14 Transport information

	Land transport (ADR/RID)	Sea transport (IMDG)	Air transport (ICAO/IATA)
UN-Number:	Not regulated	Not regulated	Not regulated
UN Proper shipping name:	Not regulated	Not regulated	Not regulated
Transport hazard Class:	Not regulated	Not regulated	Not regulated
Packaging group:	Not regulated	Not regulated	Not regulated
Environmental hazards:	No	No	No
Special precautions for user:	See section 2.2	See section 2.2	See section 2.2

15 Regulation information

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

Whether be recorded by other nations chemicals directory : This chemical is included in the common national chemicals directory.

15.2 Downstream users precautions:

Disposal must be in accordance with current applicable laws and regulations, and material characteristics at time of disposal.

16 Other information

16.1 Indication of changes Version 1.1 Amended by GHS rev 4

16.2 Relevant R- phrases (number and full text):

Not applicable.

16.3 Training instructions:

Not applicable.

16.4 Further information:

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This information is based upon the present state of our knowledge. This SDS has been compiled and is solely intended for this product.

16.5 Notice to reader:

Employers should use this information only as a supplement to other information gathered by them, and should make independent judgment of suitability of this information to ensure proper use and protect the health and safety of employees.

This information is furnished without warranty, and any use of the product not in conformance with this Safety Data Sheet, or in combination with any other product or process, is the responsibility of the user.