1. Identification of the product

Polyester nonwoven with water dispersion covered foil by thermoplastic powder

2. Composition

Identification of the type of nonwoven product:

- Nonwoven: nonwoven needlepunch
- Nature of the fibre(s): Polyester
- Web surface treatment: water dispersion
- Foil
- Thermoplastic powder

3. Hazards identification

Nonwoven: *No hazardous product under normal conditions.*

- *Fumes and heat release during combustion process*
- *Fire and toxic hazard – during combustion process may release CO, CO2*

4. First-aid measures

Inhalation – in case of burning use means like in the carbon monoxide poisoning.

Skin contact..... no specific measure to be taken
Eyes contact…. no specific measure to be taken
Ingestion…. no specific measure to be taken

5. Fire fighting measures

Suitable extinguishing media: Use water foam extinguisher
Extinguishing media used to nip the fire in the bud – dry chemical extinguisher, CO2 extinguisher.

6. Accidental release measures

Not applicable

7. Handling and storage

Nonwovens should be stored in a closed, dry, periodically ventilated place, under conditions which prevent dirt, damp or damage. Distance from electrical equipment and lighting installation depends on the local fire legislation.

8. Exposure controls/personal protection

Operational use do not require any special protection of respiratory system, eyes, hands or other.

9. Physical and chemical properties

Physical state: solid state
Appearance (the color of the product as supplied): white
pH: not applicable
Boiling point / boiling range: not applicable
Flammability: not easily flammable
Solubility:  
- water solubility: insoluble
- fat solubility: insoluble

10. Stability and Reactivity

Conditions to avoid:

Under thermal decomposition CO, CO2, acetic aldehyde may be released. Thermal decomposition causes change of color from white to yellow further brown and finally black; big quantities of fumes can be generated.

11. Toxicological Information

No toxic reaction known under normal conditions.

12. Ecological Information

Product does not undergo total biodegradation, does not contain salts of mineral water, not harmful to the environment.

13. Disposal Considerations

Proceeding in accordance with local legislation, nonwoven can be disposed of through recycling, incineration, landfill.

14. Transport Information

No specific request.

15. Regulatory information

None.

16. Other information
Safety Precautions included in hereby sheet do not have to be applied by all people / in all situations. User’s duty is to estimate the situation and use this product in a safety and legal way compatible with law and rules.