0. **Introduction**

On June 1st 2007, the new rules for the management of chemicals, called REACH (Registration, Evaluation, and Authorization of Chemicals), became effective.

These rules repealed the directives 91/115EC, 93/112EC and 2001/58EC concerning the drafting of the "Material Safety Data Sheet" and they are the only reference tool for the management of chemicals within the European Community.

According to REACH regulation our product is classified as ARTICLE and consequently it does not require the "Material Safety Data Sheet" expected for hazardous substances.

This document is not legally required but it has to be considered as an additional and qualifying information about our product.

1. **Identification of the product and the company**

   1.1 Identification of the product

      **LIQUID WATERPROOFING CARRIER (TEXBOND R 70)**

   1.2 Company identification

      - Company/Plant where information on the product safety is available

      Name: Politex S.a.s. di Freudenberg Politex S.r.l.

      Address: S.P. Novedratese, 17/a - 22060 Novedrate (Italy)

      Phone & fax numbers: +39 031 793.111      +39 031 793.202

2. **Composition**

   Identification of the type of nonwoven product

   Nonwoven:  
   - [ ] wadding
   - [x] felt
   - [ ] chemical bonded
   - [ ] thermal bonded
   - [x] mechanical bonded
   - [ ] spun web
   - [x] carded web

   Fibres nature:  
   - [x] PET
   - [ ] CoPET
   - [ ] recycled
   - [x] virgin
Web surface treatment - Concentration above 1%:  
- no  
- yes (........)

Binder:  
- no  
- yes (10÷15% vinyl-acrylic, styrene-acrylic, melamine and/or ureic resins)

Additives:  
- no  
- yes (colour pigments)

Other major components:  
- no  
- yes (glass fibre filaments)

Chemicals (in relevant concentration) that are in the list of dangerous substances:  
- no  
- yes (........)

Notes: The resins, in aqueous solution, are dried at 200÷220°C and are chemically stable after solidification. The product is longitudinally reinforced with glass fibre filaments: they are spaced out at 6÷8 mm, depending from article type.

3. Hazards identification
Nonwoven: no hazardous product under normal conditions.
Accidental thermal decomposition or melting state can present hazards.

4. First-aid measures
Under normal condition
4.1. Inhalation: no specific measure to be taken
4.2. Skin contact: no specific measure to be taken
4.3. Eyes contact: no specific measure to be taken
4.4. Ingestion: no specific measure to be taken

5. Fire fighting measures
5.1. Suitable extinguishing media: use water spray, dry chemical or CO₂ extinguisher
5.2. Extinguishing media not to be used: none (do not use water if electrical equipment are present)
5.3. Special exposure hazard: for flammable and toxic fumes as well as skin contact with molten materials see § 10
5.4. Special protective clothing for fire-fighter: none
6. **Accidental release measures**

   *Not applicable.*

7. **Handling and storage**

   *Normal requirements. The packages have to be handled so that they can not break and to be arranged as to prevent them from falling.*

8. **Exposure controls / personal protection**

   *No specific measures.*

9. **Physical and chemical properties**

   **Aspect:** *solid, in rolls or sheets*

   **Appearance (the colour of the product as supplied):**
   - ☑ white
   - ☑ green
   - ☐ ...........

   **Odour:** *practically odourless*

   **pH:** *not applicable*

   **Boiling point/boiling range:** *not applicable*

   **Melting point/melting range:**
   - ☐ approx. 195°C (CoPET)
   - ☑ approx. 260°C (PET)
   - ☑ approx 1.200°C (glass fibre)

   **Decomposition temperature:** *> 380°C (PET fibre, tech. liter.)*

   **Flash point:** *not applicable*

   **Flammability:** *not easily flammable (see § 10)*

   **Autoign. properties:** *508°C (autoign. temp. PET)*

   **Explosive properties:** *not applicable*

   **Oxidizing properties:** *not applicable*

   **Vapour pressure:** *not applicable*

   **Specific weight:**
   - ☑ 1.3±1.4 g/cm³ (PET)
   - ☑ 2.6 g/cm³ (glass fibre)
Static electricity: the product can develop and/or accumulate static electricity, i.e. by rubbing or friction

Solubility: water insoluble - fat insoluble soluble in o-chlorophenol, dichloroacetic acid, phenol/ tetrachloroethane, esafluoro-isopropanol (PET fibre)

Partition coefficient (n-octanol/water): not applicable

10. **Stability and reactivity**

   Conditions to avoid:
   
   Under thermal decomposition flammable and toxic fumes can be generated.
   
   Above 300°C may be released: toxic and flammable gases, carbon monoxide. The generation of cleavage and oxidation products is subject to fire conditions. Non burned residues and contaminated water after fire fighting should be disposed of in compliance with official regulations.
   
   Molten material should not be allowed to be in contact with the skin to which can adhere and cause burns.

11. **Toxicological information**

   No toxic reaction known under normal conditions. Particularly, no case of cutaneous sensitization or of mutagenic / carcinogenic activity is known.

   Note: under decomposition conditions, toxic fumes and contaminated water see § 10.

12. **Ecological information**

   For transportation, storage and normal use no toxicological effect known.

   Possible water pollution, if components washed out.

13. **Disposal considerations**

   As non-hazardous solid waste, depending on local legislation, nonwovens can be disposed of through recycling, incineration, landfill.

14. **Transport information**

   Not classified as dangerous for transport.

15. **Regulatory information**

   Not classified as dangerous in compliance with Italian and European regulation regarding classifying, packaging and labelling of hazardous substances and products.