

VOLUNTARY SAFETY DATA SHEET (VSDS)

According to REACH, these products are neither «substances» nor «mixtures», but «articles». They are not, therefore, subject to the mandatory edition of a SDS. Nevertheless, in order to satisfy our customers' needs and to promote risk prevention, we establish this VSDS on the model taken from REACH format.

1. PRODUCT AND COMPANY IDENTIFICATION

1.1 PRODUCT NAME: EFYOS XPS

1.2 DESCRIPTION: Expanded extruded polystyrene boards (XPS) for thermal insulation for buildings

1.3 MANUFACTURER: SOPREMA S.r.l. - Via Industriale dell'Isola 3 - Chignolo d'Isola (BG) – ITALIA
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2. HAZARDS IDENTIFICATION

2.1 CLASSIFICATION: not classified according to Regulation (EC) no. 1272/2008 (CLP). It does not contain CFC or HCFC gases. It does not contain HBCD.

2.2 LABEL ELEMENTS: none

2.3 OTHER: in normal use conditions the product is not hazardous. The product is organic and therefore combustible if exposed to intense heat sources.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Product with polystyrene base; it contains dyes and flame retardant additive.

Article 33 of REACH: according to our knowledge, no substance of very high concern according to REACH, included the list of dangerous substances (to Authorization) and in the Annex XIV (subject to Authorization) of REACH, is contained in the product with a concentration higher than 0,1% weight by weight.

4. FIRST AID MEASURES

No specific measure. Advice to the rescuer: symptomatically treat possible disorders deriving from ingestion/dust inhalation/contact with eyes/burns due to contact with high-temperature melt material.

5. FIRE-FIGHTING MEASURES

5.1 SUITABLE EXTINGUISHING MEASURES: water, water spray, foam; carbon dioxide, dry powder, sand only for small fires. Do not use water jet.

5.2 PROTECTIVE EQUIPMENT: firefighters must wear suitable protective clothes and oxygen masks, as in case of fire the product may produce dangerous gases (carbon monoxide, carbon dioxide, brominated compounds, traces of styrene).

6. ACCIDENTAL RELEASE MEASURES

Not applicable (solid form product).

7. HANDLING AND STORAGE

7.1 HANDLING: in case of thermal processing or with shavings removal, ensure adequate ventilation so as to prevent the operator from breathing fumes and dust. Keep away from open flames and any ignition source.

7.2 STORAGE: keep on a flat surface, in original packing, in places free from open flames and any ignition source. Do not stack damaged packages/pallets. Prevent pedestrian transit in the storage area in case of risk of falling of stacked material, especially in case of strong wind. Keep away from bad weather if planning to store the product for long time.

8. PERSONAL PROTECTION

No special requirement in case of application of the product as it is for its intended uses. In case of heavy cuttings, ensure proper ventilation so as to prevent the operator from breathing fumes and dust. Wearing a filtering mask is recommended in case of dust generation, and protective glasses in case of cutting with tools.

9. CHEMICAL AND PHYSICAL PROPERTIES

Solid form product, in shape of yellow odorless boards.
PH: not applicable
Softening point: > 75 ° C
Exercise temperature: up to 70°C
Ignition temperature: ca. 370°C
Solubility: insoluble in water, soluble in organic solvents
Density: 28-45 kg/m³.

10. STABILITY AND REACTIVITY

Under normal conditions, the product is stable and not reactive. Resistant to many chemicals but not to solvents. Be careful in choosing eventual adhesives, testing the compatibility in advance.

Decomposition temperature: > 130°C (products of thermal decomposition: styrene, carbon monoxide, carbon dioxide, hydrobromic acid).

11. TOXICOLOGICAL INFORMATION

No known risk of toxicological effects in the intended use conditions.

As for dust generation: normal risk level of discomfort to the respiratory tract and eye irritation.

12. ECOLOGICAL INFORMATION

12.1 BIODEGRADABILITY: not biodegradable.

12.1 BIOACCUMULATION: not bioaccumulable

12.3 OTHER: XPS boards are not classified as dangerous to the environment

13. DISPOSAL CONSIDERATION

The product and its scraps are not classified as dangerous waste material. Recyclable in common plastic recycling plants. It can be incinerated with energy recovery in incineration plants for plastic materials or disposed of in dumps for non-hazardous waste.

European waste catalogue code: 17 06 04 (insulation materials other than those mentioned in 17 06 01 and 17 06 03).

Plastic packaging can be recycled in plants with separate collection, treated with energy recovery in authorized plants or disposed of in dumps for non-hazardous waste.

In any case, please refer to the local regulation for waste disposal.

14. TRANSPORT INFORMATION

The product does not need any special care during transport. No classification ADR/RID, IMDG, ICAD/IATA.

15. REGULATORY INFORMATION

REACH Regulation No. 1907/2006: according to REACH, XPS boards are «articles». According to REACH, «articles» are subject neither to chemical safety evaluation nor to provide exposure scenario (see section 3).

16. OTHER INFORMATION

Make a proper use of the product (for thermal insulation for buildings). The information contained in the present data sheet has been provided in good faith, based on our present knowledge and does not have to be considered as a warranty or quality specification. If this product is used in combination with other materials or products, the present information may not be valid. The user of the product must comply with any rule or regulation in force regarding the application of the product.
