

VOLUNTARY SAFETY DATA SHEET

These products are neither « substances » nor « mixtures » according to REACH, but « articles ». Therefore, they are not subject to the mandatory release of an SDS. Nevertheless, in order to meet our customer's needs and promote risk prevention, a voluntary safety data sheet is established in accordance with the REACH form.

1. IDENTIFICATION OF THE PRODUCT AND THE MANUFACTURER

1.1 PRODUCT NAME: SOPRA XPS (ex Efyos XPS)

1.2 DESCRIPTION: Slabs made of extruded polystyrene hard foam (XPS) for thermal insulation in building construction.

1.3 MANUFACTURER: SOPREMA S.r.l. - Via Industriale dell'Isola, 3 - 24040 Chignolo d'Isola (BG) – ITALY
Tel: +39 030 6062200 - Fax: +39 030 6062257 - Email: info.insulation@soprema.it

2. HAZARD IDENTIFICATION

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

2.2 LABEL INFORMATION: none

2.3 OTHER HAZARDS: the product is not hazardous when used under normal conditions. As an organic product it is combustible when exposed to intense heat sources.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Polystyrene-based product, containing dye and flame-retardant additives

Article 33 of the REACH Regulation: based on our knowledge, the product does not contain any substance of very high concern included in the Authorisation Candidate List and in Annex XIV (subject to Authorisation) of the REACH Regulation in a concentration above 0.1% weight by weight.

4. FIRST AID MEASURES

No specific measures. Advices to first-aiders: symptomatically treat any disorders resulting from ingestion, inhalation of dust, contact with eyes, burns due to high temperature molten material.

5. FIREFIGHTING MEASURES

5.1 EXTINGUISHING MEDIA: ESTINGUISHING MEDIA: water, sprayed water, foam, carbon dioxide, chemical powder, sand for small fire only. Do not use water jets.

5.2 PERSONAL PROTECTION EQUIPMENT: the firefighting team must wear self-contained breathing apparatus and suitable protective clothing, since in the event of a fire the product can develop harmful gases (carbon monoxide, carbon dioxide, traces of styrene).

6. ACCIDENTAL RELEASE MEASURES

Not applicable (product in solid form).

7. HANDLING AND STORAGE

7.1 HANDLING: in case of thermal processing or removal of off-cuts, ensure adequate ventilation so as not to expose the operator to dust and fumes. Handle away from open flames or sources of ignition.

7.2 STORAGE: store on a flat surface, with intact packaging, in places without naked flames and sources of ignition. Do not stack damaged parcels/pallets. Avoid the transit of pedestrians in the storage area if there is a risk for stacked material to fall, especially in strong winds. Keep protected from bad weather if you plan to store the material for long periods.

8. PERSONAL PROTECTION

No particular requirement if the product is laid according to the intended use. If the slabs need to be cut off, appropriate ventilation is required to prevent the operator from being exposed to dust and fumes. We recommend using a dust-proof mask in the case of airborne dust and safety goggles when using cutting tools.

9. PHYSICAL AND CHEMICAL PROPERTIES

Solid product in the form of orange slabs, consisting of small welded spherical pearls, odourless.

PH: not applicable

Softening point: > 75 °C

Operating 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

The product is stable and non-reactive under normal conditions of use. Resistant to many chemicals, not resistant to solvents. Special care must be taken in choosing any adhesives used for which compatibility must be tested beforehand.

Decomposition temperature: >130°C (thermal decomposition products: styrene, carbon monoxide, carbon dioxide, hydro-bromic acid).

11. TOXICOLOGICAL INFORMATION

No known risk of toxicological effect when used under normal conditions.

In relation to the formation of dust: normal risks of discomfort in the respiratory track and eye irritation.

12. ECOLOGICAL INFORMATION

12.1 BIODEGRADABILITY: not biodegradable.

12.2 BIOACCUMULATION: not bio-accumulative

12.3 OTHER INFORMATION: XPS panels are not classified as hazardous for the environment.

12. DISPOSAL CONSIDERATIONS

The product and its off-cuts are not classified as hazardous waste. Recyclable in normal plastic recycling plants. It can be incinerated with energy recovery in plastic incineration plants or disposed of in a landfill for non-hazardous waste. European waste catalogue code: 17 06 04 (insulating materials other than those mentioned in 17 06 01 and 17 06 03).

Plastic packaging can be processed in separate collection and energy recovery plants by an authorized facility or disposed of in a landfill for non-hazardous waste.

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

14. TRANSPORT INFORMATION

Transporting the product does not require special precautions. No ADR/RID, IMDG, ICAD/IATA classification.

13. REGULATORY INFORMATION

REACH Regulation no. 1907/2006: the XPS slabs are classified as "articles" according to the REACH Regulation. The "Articles" are not subject neither to chemical safety assessments nor are they required to provide an exposure scenario in accordance with the REACH (see section 3).

14. OTHER INFORMATION

Make appropriate use of the product (for thermal insulation in construction). The above data are provided in good faith, based on current knowledge and are not intended as specifications. If used as a component of another product, the information contained herein may not be applicable. The user of the product is required in any case to comply with the standards or provisions in force regarding its intended use.
