



EXPANDED POLYSTYRENE
FOAM UNDERLAY (XPS)
SAFETY DATA SHEET (SDS)

DATE: March 2021
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1. PRODUCT AND COMPANY INFORMATION

1.1 Product Name(s): Homelux Classic, Premier & LVT Foam Underlay Material.

1.2 Manufacturer Information:

Manufacturer/ Supplier: QEP Co., Inc.

Address: 300 Cross Plains Blvd.

Dalton, GA 30721

Emergency Phone: (800) 424-9300 (24-hour Response / CHEMTREC)

Product Information: (866) 435-8665

1.3 Relevant identified uses of the substance or mixture and uses advised against

Identified uses: Fan-fold sheets or Flat panels of underlay material for use on concrete or wooden floors to provide Thermal and Acoustic insulation.

1.4 Appearance and Odour: Foam sheets or fan-fold various colours. Very slight hydrocarbon odour.

2. HAZARD IDENTIFICATION

2.1 Classification of the substance or mixture Classification according to EU Directives 67/548/EEC or 1999/45/EC This product is not classified as dangerous according to EC criteria.

2.2 Primary Route(s) of Exposure: Inhalation, eye contact, ingestion.

Inhalation: Breathing may cause temporary mechanical irritation and coughing.

Eye Contact: Eye contact may cause mild mechanical irritation, redness, tearing and blurred vision.

Ingestion: Ingestion of this material is unlikely if used as intended. However, ingestion of this product may produce gastrointestinal irritation and disturbances.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Material	CAS Number	Wt. %
Expanded Polystyrene	9003-53-6	99-100%



4: FIRST-AID MEASURES

4.1 Inhalation: Only dust produced, or small particles of EPS are likely to be inhaled. Clear the respiratory tracts. If recovery does not occur obtain medical attention. Inhalation of smoke or fumes (fire situation): Remove from exposure into fresh air. Keep warm and at rest. If there is any respiratory distress give oxygen. If breathing stops or shows sign of failing, apply artificial respiration. Obtain immediate medical attention.

4.2 Skin: If skin or hair contact occurs flush skin and hair with running water (and soap if applicable). Seek medical attention in event of irritation.

4.3 Eye: Flush EPS particles from the eye with water. If recovery does not occur obtain medical attention.

4.4 Ingestion: Ingestion of this material is unlikely. If does occur - immediately give a glass of water. First aid is not generally required. If in doubt, seek medical attention.

5. FIRE FIGHTING MEASURES

5.1 Extinguishing Media: Water spray, water fog, and fire-fighting foam, dry chemical or CO₂.

5.2 Fire Fighting Instructions: Wear breathing apparatus plus protective gloves. Prevent, by any means available, spillage from entering drains or water courses.

5.3 Hazardous Combustion Products: Burning foam emits a dense, black irritating smoke with acid gases. Primary combustion products are carbon monoxide, carbon dioxide, styrene, hydrogen halides. Other undetermined hydrocarbon fractions could be released in small quantities.

6. ACCIDENTAL RELEASE MEASURES

6.1 Land Spill: Retrieve the material and submit for recycling or disposal as a non-hazard in an appropriate recycling or disposal facility.

6.2 Water Spill: While this material is not soluble, if fragmented it will float and disperse with wind and current.

7. HANDLING AND STORAGE

7.1 Storage Temperature: N/A

7.2 Storage Pressure: N/A

7.3 Handling Precautions: None



8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

8.1 Engineering Controls: None required.

8.2 Personal Protective Equipment: None is required however good personal hygiene after using this material, especially before eating, drinking, smoking, using the toilet or applying cosmetics.

8.3 Exposure Limits General dust generated by cutting foam sheets

Dust type	Long-term exposure limit (8-hr TWA reference period) (mg.m-3)	Short-term exposure limit (15-minute reference period) (mg.m-3)
Inhalable Dust	10	
Respirable Dust	4	

9. PHYSICAL AND CHEMICAL PROPERTIES

9.1 Appearance: Sheets or fan fold sheet of foam board. Various colours.

9.2 Physical State: Solid Foam

9.3 Odour: Very slight hydrocarbon odour

9.4 Solubility in Water: Insoluble

9.5 Solubility on other solvents: Soluble in aromatic, halogenated solvents and ketones

10. STABILITY AND REACTIVITY

10.1 Stability: Stable

10.2 Polymerisation: Will not occur

10.3 Chemical Incompatibilities: Organic solvents, oil products, strong oxidising agents, sparks, open flames, strong acids or bases.

10.4 Conditions to Avoid: Heat, open flame and sparks, strong sunlight for prolonged periods.

10.5 Hazardous Decomposition: Does not decompose under normal usage. Styrene monomer, carbon monoxide when burned.

11. TOXICOLOGICAL INFORMATION

11.1 Acute Effects: Acute health effects from this product are unlikely when used as intended.

11.2 Chronic Effects: Chronic health effects from this product are unlikely when used as intended.

11.3 Primary Skin Irritation: Non-irritant Sensitisation: Non-sensitising

11.4 No data is available concerning mutagenic activity

11.5 No evidence is available concerning carcinogenic activity

11.6 No data is available concerning reproduction toxicity

12. ECOLOGICAL INFORMATION

12.1 Evaluation: Non-biodegradable

12.2 Bioaccumulation: The product will not bioaccumulate owing to insolubility in water

12.3 Non Toxic: Small particles may have physical effects on aquatic and terrestrial organisms.

13. DISPOSAL CONSIDERATIONS

13.1 Waste Disposal: Incinerate, recycle or dispose in licensed facility.

13.2 Do not discharge in to waterways or sewer systems

13.3 Recycling code: **PS (Polystyrene) plastic code 6** Legislation addressing waste disposal requirements may differ by country, state and/or territory. Each user must adhere to laws operating in the area.

**14. TRANSPORT INFORMATION**

14.1 This product is not regulated for carriage according to ADR/RID/ADN, IMDG, ICAO-TI/IATA-DGR

14.2 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code - Not applicable



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15. REGULATORY INFORMATION

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture: EU/International regulations, Authorisations and/or restrictions on use: None known

15.2 National regulations: Not applicable

15.3 Chemical Safety Assessment: Not available

15.4 TSCA CAS # 9003-53-6

15.5 DSL CAS # 9003-53-6

15.6 OSHA None of the chemicals in this product are listed

15.7 California Prop 65 None of the chemicals in this product are listed

16. OTHER INFORMATION

16.1 The data within this Material Safety Data Sheet is based upon the current knowledge and refers only to material safety requirements. The manufacturer makes no representations and assumes no liability for any direct, incidental or consequential damages resulting from its use.

16.2 The information contained within this Safety Data Sheet does not constitute an assessment under the COSHH regulations (2002)

16.3 Precautionary Statements:

P102 Keep out of reach of children.

P103 Read label before use.

P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

16.4 Hazard Symbols None

16.5 Risk Phrases None

16.6 Safety Phrases None