

Safe Use Instruction Sheet (SUIS) for AIREX® PXc & PXw

In line with Regulation (EC) No. 1907/2006 & GHS

Page 1 of 5

revised: March 1st, 2023
GM--SUIS-006

0. General information

According to the United Nations Globally Harmonized System of Classification and Labelling of Chemicals (GHS), GHS applies to pure substances and their dilute solutions and to mixtures. "Articles" as defined in the Hazard Communication Standard (29 CFR 1910.1200) of the Occupational Safety and Health Administration of the United States of America, or by similar definition, are outside the scope of the system.

Also the European Regulation (ER) on Chemicals No. 1907/2006 (REACH) enforced on June 1st, 2007 does only require Material Safety Data Sheet (MSDS) for hazardous substances or preparations – not for articles.

All AIREX® products meet the definition of "Article" under the United Nations Globally Harmonized System of Classification and Labelling of Chemicals (GHS), the European Union (EU) Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) Standard, United States (US) Occupational Health and Safety Administration (OSHA) Hazard Communication Standard, Canadian Workplace Hazardous Materials Information System (WHMIS) Regulation and Australian Work Health and Safety (WHS) Regulation.

Therefore, under normal usage of the AIREX® products, no Material Safety Data Sheet (MSDS) is legally required.

To support our customers with additional data on safe handling and use instructions for our manufactured articles this *Safe Use Instruction Sheet* was created.

1. Product and Company Identification

Product Identifier:

Trade Name: AIREX® PXc.245, PXc.320, PXc.385, PXw.320, PXw.385, PXw.420

Article Number:

CAS Number:

EC Number:

Index Number:

Formula:

Synonyms: Fiberglass Reinforced Polyurethane Foam

Intended Use of the Product:

Use of the substance/mixture: Plywood or wood replacement

Name, Address, and Telephone of the Responsible Party:

Baltek Inc.
PO Box 16148
High Point
NC 27261, USA

Emergency Telephone: +1 336 398 1900

2. Hazards identification

Classification of the substance or mixture:

H316 Causes mild skin irritation

H319 Causes serious eye irritation

H335 May cause respiratory irritation

Safe Use Instruction Sheet (SUIS) for AIREX® PXc & PXw

In line with Regulation (EC) No. 1907/2006 & GHS

Page 2 of 5

revised: March 1st, 2023
GM--SUIS-006

Label Elements:

GHS Label elements: The substance is classified and labeled according to the Globally Harmonized Systems (GHS)

Hazard pictograms:



GHS07

Signal word: Warning

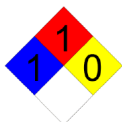
Hazard-determining components of labelling: Polyurethane foam/ fiberglass

Hazard Statements:
H316 Causes mild skin irritation
H319 Causes serious eye irritation
H335 May cause respiratory irritation

Precautionary statements:
P202 Do not handle until all safety precautions have been read and understood
P210 Keep away from heat, hot surfaces, sparks, open flames, and other ignition sources - No smoking
P261 Avoid breathing dust/fume/gas/mist/vapours/mist
P262 Do not get in eyes, on skin, or on clothing
P264 Wash.....thoroughly after handling
P284 [In case of inadequate ventilation] wear respiratory protection
P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses. If present and easy to do. Continue rinsing.
P303+361+353 IF ON SKIN (or hair) take off immediately all contaminated clothing. Rinse skin with water/shower
P361 Take off immediately all contaminated clothing

Classification Systems: NFPA/HMIS Definitions: 0-Least, 1-Slight, 2-Moderate, 3-High, 4-Extreme

NFPA ratings (scale 0 - 4):



Health = 1
Fire =1
Reactivity=0

HMIS - ratings (scale 0 - 4):



Health = 1
Fire =1
Reactivity=0

Other hazards / Results of PBT and vPvB assessment:

PBT: Not applicable



vPvB: Not applicable

Safe Use Instruction Sheet (SUIS) for AIREX® PXc & PXw

In line with Regulation (EC) No. 1907/2006 & GHS

Page 3 of 5

revised: March 1st, 2023
GM--SUIS-006

<p>3. Composition / Information on ingredients</p> <p><i>Chemical characterization:</i> Substances</p> <p><i>Cas No:</i> 9010-69-9</p> <p><i>Description:</i> Polyurethane foam</p> <p style="margin-left: 20px;">Glass fibers (Nuisance particles. Non-Respirable "A" glass fibers (continuous filament – non-Respirable) Woven fiberglass fabric (continuous filament – non Respirable)</p> <p><i>Identification numbers:</i></p> <p><i>EC Numbers:</i></p> <p><i>Index Numbers:</i></p> <p><i>SVHC:</i></p>	
<p>4. First aid measures</p> <p><i>Description of first aid measures:</i></p> <p><i>General Advice:</i> Remove contaminated clothing.</p> <p><i>If on skin:</i> Wash affected areas thoroughly with soap and water. If irritation develops, seek medical attention. If glass fibers become imbedded, seek medical attention.</p> <p><i>If in eyes:</i> In case of contact with eyes, rinse immediately for at least 15 minutes with plenty of water. If eye irritation persist seek medical attention.</p>	
<p>5. Fire-fighting measures</p> <p><i>Suitable extinguishing media:</i> Water, carbon dioxide, foam.</p> <p><i>Hazards during fire-fighting:</i> If product is heated above decomposition temperature, toxic vapors will be released. By products of combustion would be CO, CO₂, hydrogen cyanide, carbon particulate, hydrogen, and glass fibers.</p> <p><i>Protective equipment for fire-fighting:</i> Fire-fighters should be equipped with self-contained breathing apparatus and turn-out gear.</p>	
<p>6. Accidental release measures</p> <p><i>Cleanup:</i> Place into suitable container for disposal (see SDS Section 13- Disposal Considerations).</p>	
<p>7. Handling and storage</p> <p><i>Handling:</i> Wear protective clothing, gloves, and eye protection.</p> <p><i>Protection against fire and explosion:</i> No explosion proofing necessary.</p> <p><i>Storage:</i> Avoid deposition of dust. No special precautions necessary.</p> <p><i>Storage Stability:</i> No data available.</p>	
<p>8. Exposure control / personal protection</p> <p><i>Advice on system design:</i> Provide local exhaust ventilation to control dust.</p> <p><i>Personal protective equipment:</i></p> <div style="display: flex; align-items: flex-start; margin-top: 10px;"> <div style="margin-right: 20px;">  </div> <div> <p><i>Respiratory protection:</i> Wear NIOSH-certified 95 mask (or better) where adequate ventilation cannot be guaranteed, especially if cutting, sanding, and/or grinding.</p> </div> </div> <div style="display: flex; align-items: flex-start; margin-top: 10px;"> <div style="margin-right: 20px;">  </div> <div> <p><i>Hand protection:</i> Working gloves</p> </div> </div>	

Safe Use Instruction Sheet (SUIS) for AIREX® PXC & PXw

In line with Regulation (EC) No. 1907/2006 & GHS

Page 4 of 5

revised: March 1st, 2023
GM--SUIS-006



Eye and face protection:

Eye protection as appropriate for method of cutting, sanding and/or grinding.



General safety and hygiene measures:

Handle in accordance with good industrial hygiene and safety practice. Wear protective clothing, gloves, and eye protection. Wash soiled clothing immediately.

9. Physical and chemical properties

<i>Appearance:</i>	Polymer foam sheet with visible cell structure.
<i>Form:</i>	Solid
<i>Odor:</i>	Odorless
<i>Odor threshold:</i>	Not applicable
<i>Color:</i>	Gray
<i>pH value:</i>	Not applicable
<i>Melting Point:</i>	
<i>Boiling Point:</i>	
<i>Flash Point:</i>	
<i>Flammability:</i>	If exposed directly to flame.
<i>Ignition temperature:</i>	400 °F
<i>Auto igniting:</i>	May auto ignite in temperatures over 1,000 °F
<i>Danger of explosion:</i>	Explosion may occur in areas of high concentration of airborne dust
<i>Miscibility with water:</i>	Not Soluble

10. Stability and reactivity

<i>Conditions to avoid:</i>	>300 ° Fahrenheit. Avoid extreme heat. Avoid all sources of ignition: heat, sparks, and open flame
<i>Hazardous reactions:</i>	The product is chemically stable.
<i>Decomposition products:</i>	
<i>Polyurethane:</i>	
<i>Hazardous decomposition products:</i>	Carbon monoxide, carbon dioxide, hydrogen cyanide, ether, esters, ketones.
<i>Glass Fibers:</i>	Fiberglass alone will not burn, but smoking of the binder/sizing content of the product may occur in temperature of the environment exceeding +400 °F. These same ingredients will release carbon monoxide and carbon dioxide in a sustained fire situation. Additional trace ingredient releases can occur under similar circumstances but cannot be predicted as they may vary in each situation.
<i>Thermal decomposition:</i>	Will decompose to a liquid at high temperatures whilst burning.
<i>Corrosion to metals:</i>	No corrosive effect of metal.

11. Toxicological information

<i>Toxicological tests:</i>	No data available.
<i>Experience with man:</i>	
<i>Skin contact:</i>	Does not contain any materials which are known to stimulate allergic reactions. Grinding dust may cause irritation to people with sensitive skin.
<i>Eye contact:</i>	Dust may cause irritation.
<i>Inhalation:</i>	Dust may cause irritation of respiration tract.
<i>Ingestion:</i>	No symptoms known.

12. Ecological information

Considered an inert solid waste. No special precautions are needed in case of a release or spill.

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Page 5 of 5

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<p>13. Disposal considerations</p> <p><i>Waste disposal of substance:</i></p> <p><i>Container disposal:</i></p>	<p>Dispose of in a licensed facility in accordance with all government rules and regulations.</p> <p>Incinerate or dispose of in a licensed facility and/or reuse/recycle all packaging materials.</p>
<p>14. Transport information</p> <p><i>IMDG-Marine Pollutants:</i></p> <p><i>Emergency Response Guidebook (ERG) No:</i></p> <p><i>Mode of Transportation:</i></p>	<p>This products does not contain marine pollutants as classified by the international Maritime organization.</p> <p>No information available.</p> <p><i>DOT-Non Bulk-</i> non regulated <i>DOT-Bulk-</i> non regulated <i>Canadian TDG-</i> non regulated <i>ICAO/IATA-</i> non regulated <i>IMO/IMDG-</i> non regulated</p>
<p>15. Regulatory information</p> <p><i>Safety Phrases:</i></p> <p><i>Ingredients Listings:</i></p> <p><i>Polyurethane Foam:</i></p> <p><i>Glass Fibers:</i></p> <p>All ingredients are listed on the Canadian Domestic Substances List (DSL).</p>	<p>TSCA, US released/Listed</p> <p>Exempt from TSCA requirements</p>
<p>16. Other information</p>	<p>This Safe Use Instruction Sheet (SUIS) replaces the issue released on August 8th, 2022.</p> <p>The information given in this document is accurate to the best of our knowledge, but without any guarantee. It is given in good faith based on the current state of knowledge and experience. It is issued in respect of safety requirements and does not purpose to provide information on the quality of the material.</p>