

MATERIAL SAFETY DATA SHEET

1. Product Identification and Company	
Product Name	PVC Expansé Blanc
Chemical Family	Vinyl Polymers
Chemical Name	Polyvinylchloride Sheet
CAS No.	Not applicable
Formula	Proprietary

2. Composition / Information on Ingredients				
No.	Components	CAS No.	Percent	OSHA PEL
1	PVC Resin	9002-86-2	70-95%	5 mg/M ³ (respirable dust)
2	Calcium Carbonate	1317-65-3	0 - 20%	10 mg/M ³ (total dust)
3	Titanium Dioxide	13463-67-7	0 - 15%	110 mg/M ³ (total dust)
4	Proprietary	Mixtures	0 - 9%	Not established

3. Physical and Chemical Properties	
Physical Foam	Solid
Colour	Finished sheet with colours specified
Odor	Insignificant
Molecular Weight	Ranging from 60,000-150,000
Boiling Point	Not Applicable
Melting Point	Not established
Freezing Point	Not Applicable
Solubility in Water	None
Specific Gravity	0-50 -1.55 (water = 1)
Vapor Density	Not applicable (air ≈ 1)
Evaporation Rate	None (Butyl Acetate = 1)
Vapor Pressure	Not applicable
% Volatile	None
pH	Not Applicable

The physical data presented above are typical values and should not be construed as a specification.

4. Fire hazard Data and fighting methods

Flammable Limits in Air (LEL, %) (UEL, %)	Not Applicable Not Applicable
Extinguishing Media	Dry chemical, foam water, or carbon dioxide
Special Fire Fighting Procedure	In the event of fire, wear NIOSH approved, positive pressure, self-contained breathing apparatus (SCBA) Full protective clothing. Evacuate all personnel from danger area. Use dry chemical, foam, water or carbon dioxide to extinguish fire.
Unusual Fire and Explosion Hazards	PVC will not continue to burn after ignition without an external fire source. However, when forced to burn the major gaseous products of the combustion of PVC are carbon monoxide, carbon dioxide, and hydrogen chloride.

5. Human Health Data

Emergency Overview	During a Fire Emergency			
Primary Route(s) of Exposure	<input checked="" type="checkbox"/> Inhalation	<input type="checkbox"/> Ingestion	<input checked="" type="checkbox"/> Eye	<input checked="" type="checkbox"/> Skin Contact
Potential Health Effects and Symptoms of Over-Exposure During a fire emergency, when this product is burned, it may generate smoke.				
Eye Contact	Smoke from a fire emergency may cause eye irritation			
Skin Contact	Molten plastics from a fire may cause skin burns			
Inhalation	Smoke from a fire emergency may cause respiratory irritation			
Ingestion	Unlikely			
Medical Conditions Aggravated by Over-Exposure Available toxicological information and the physical/chemical properties of the material suggest that there is no evidence of this product aggravates an existing medical condition.				
Carcinogenicity	NPT : No.	LARC : No	OSHA : No	

6. First Aid Measures

Eye Contact	Immediately flush eyes with water for at least 15 minutes. Do not rub the eyes. If irritation develops, consult a physician.
Skin Contact	If burned by molten plastics, get medical attention immediately
Inhalation	If smoke from burning plastics is inhaled, remove subject in fresh air immediately. If symptoms develop, seek immediate medical attention.
Ingestion	Unlikely
Notes to Physician	Treat symptomatically and supportively
Other Instructions	Never give anything by mouth to an unconscious person

7. Exposure Controls & Personal Protection Recommendation

Eye Protection	Wear safety glasses during sheet cutting or fabricating process			
Skin Protection	Wear gloves when cutting or fabricating sheet by hands			
Respiratory Protection	Fire fighter should wear NIOSH approved self-contained breathing apparatus (SCBA) during fire emergency.			
Engineering Control	Ventilation Requirement	<input type="checkbox"/> Local Exhaust	<input type="checkbox"/> Specific	<input checked="" type="checkbox"/> General
Required work/ Hygiene Procedure	Do not eat, drink, or smoke in work area. Wash hands thoroughly after handling, especially before eating, drinking, smoking, chewing, or using restroom facility.			
Exposure Guidelines				
No.	P			
Components	PVC Sheet			
OSHA-PEL	Not Applicable			
ACGTH-TLV	Not Applicable			

8. Accidental Release Control Measures

Response to spills	Not Applicable
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9. Handling and Storage

Handling	Use with care. Wear gloves if necessary when cutting or fabricating sheet
Storage	Store in a cool dry, well-ventilated area away from sources of extreme heat or Fire. Note : Electrical buildup is possible.
Container Use	Not Applicable

10. Stability and Reactivity

Stability	Stable
Conditions to Avoid	Fire or extreme heat
Hazardous Decomposition	If burned, it will generate carbon dioxide, carbon monoxide, HCl
Hazardous Polymerization	Will not occur

11. Disposal Considerations

Disposal Method	It must be disposed of in accordance with Federal, State and local environmental control regulations.
Recycle/ Reclaim	Recycling of PVC sheet should be encouraged where possible

12. Transport Information

DOT Shipping Name	Not listed
DOT Label	Not Applicable
DOT Hazard Glass	Not Regulated
UN/NA Number	Not Applicable
Hazard Label(s)	Not Applicable
Hazard Placard(s)	Not Applicable
Packing Group	Not Applicable
Bulk Packaging	Not Applicable
RQ	Not Applicable
Emergency Response Guide (ERG No.)	Not Applicable

13. Toxicological Information

The information provided below can be subject to misinterpretation Therefore, it is essential that following information be interpreted by individuals trained in its evaluation.

Chemical	PVC Sheet
Toxicity Data	A review of the scientific literature did not indicate specific toxicological information for PVC Sheet

14. Ecological Information

No data is available on the adverse effects of this product on the environment.

15. Regulatory Information

Federal Regulatory Information : PVC Sheet	
OSHA Status	Not listed, non-hazardous
EPA Clean Air Act Status	Not listed
EPA Clean Water Act Status	Not listed
TSCA Status	All ingredients are listed on TSCA inventory (40 CFR710)
CERCLA RQ	Not listed
SARA Title III : PVC Sheet	
Section 302*	None * Reportable quantity of extremely hazardous substance, Sec 302 Threshold planning quantity, extremely hazardous substance. Sec. 302
Section 313**	None ** Toxic Chemical Sec. 313 ** Category as required by Sec. 313 (40CFR37263 C) must be used on Toxic Release Inventory form
Section 311/312***	None *** Hazard category for SARA Sec. 311/312 reporting H1= acute health hazard H2= chronic health hazard P3= fire hazard P4= sudden release of pressure hazard P5= reactive hazard
RCRA Status	It is the responsibility of the product user to determine at the time of disposal whether a material containing the product or derived from the product should be classified as a hazardous waste (40CFR261. 20-24)

Other Regulatory Information

The following chemicals are specifically listed by individual states, other product specific health and safety data in other sections of the MSDS may also be applicable for state requirements. For details on your regulatory requirements, you should contact the appropriate agency in your state.

State	Name
Chemical	PVC Sheet
Regulations	None
Product Name	PVC Sheet
International	None

16. Other Information

NFPA	HMIS
Fire – 1	Health – 0
Health – 0	Flammability – 1
Reactivity – 0	Reactivity – 0
Specific Hazard - None	Personal Protection Index - E

Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.