

Material Safety Data Sheet

1. IDENTIFICATION OF THE ARTICLE AND THE COMPANY

Suppliers Name	Green Atlantic
Suppliers Address	1384 Hartford New London Turnpike, Oakdale, CT 06370
Email	info@greenatlanticpvc.com
Product Name	PVC SHEET

2. PRODUCT IDENTIFICATION

Chemical Name or Synonyms Poly Vinyl Chloride

3. PRODUCT COMPONENTS

Components	Case Reg. No.	Weight (%)
PVC	9002-86-2	75~81
Calcium zinc stabilizer		2.4~2.8
Filler (Mainly Caco3)		4.5~13.5
Process Aid		4.0~6.0
Lubricant		1.0~1.9
Pigment		1.6~2.5

4. PHYSICAL PROPERTIES

Appearance:	Foam color planar sheet
Odor:	N/A
Viscosity:	N/A
Melting Point:	N/A
Boiling Point:	N/A
Vapor Pressure:	N/A
Vapor Density:	N/A (Air=1)
Specific Gravity:	0.45~0.9@25° (Water=1)
PH:	N/A
Solubility in Water:	Negligible
Volatility:	Negligible (Weight %)

5. FIRE AND EXPLOSION HAZARD INFORMATION

Flash Point	N/A
Auto Ignition Temperature	N/A
Upper Explosion Limit (%)	N/A
Lower Explosion Limit (%)	N/A
Extinguishing Media	Dry chemical water
Fire protection Equipment	Wear self-contained, positive pressure breathing apparatus (MSHA/NIOSH approved or equivalent) and full protective gear.
Unusual Fire And Explosion	Powdered material may form explosive dust-air mixtures.

6. WORKPLACE EXPOSURE

Components	OSHA	
	PEL	STEL
PVC Sheets	None	None
Nuisance dusts (As particulates)	5mg/m ³	None

7. HAZARD INFORMATION

Hazard Scale: 0 = Insignificant, 1 = Slight, 2 = Moderate, 3 = High, 4 = Extreme

Health Designation	1
Fire Designation	1
Reactivity Designation	0
Inhalation	Inhalation of vapors from heated product can cause nausea, headache, dizziness as well as irritation of lungs, nose, and throat.
Eye Contact	Vapors from heated product can irritate the eyes.
Ingestion	Low hazard associated with normal conditions.
Skin Contact	Possible skin irritation. Contact with molten material result burns.
Carcinogenicity	N/A

8. EMERGENCY AND FIRST AID PROCEDURES

Inhalation	If symptomatic, move to fresh air. Get medical attention if symptoms persist.
Eye Contact	If molten material contacts the eye, immediately flush with plenty of water for at least 15 minutes. If easy to do, remove contact lenses. Get medical attention immediately.
Ingestion	Material is not expected to be absorbed from the gastrointestinal tract so that induction of vomiting should not be necessary.
Skin Contact	If burned by contact with molten material, cool as quickly as possible. Do not peel material from skin. Get medical attention.

9. REACTIVITY INFORMATION

Stability	Stable
Conditions to Avoid	None
Hazardous Decomposition	Thermal decomposition or combustion may emit vapors, carbon
Decomposition	Carbon monoxide, or carbon dioxide or hydrochloric acid.

10. SPILL OR LEAK INFORMATION

Sweep or scoop up and remove.

11. WASTE DISPOSAL

Landfill or incinerate at a facility that complies with local, state and federal regulations.

12. EXPOSURE CONTROLS/PERSONAL PROTECTION MEASURES

Respiratory Protection	None required under normal conditions. See Section 13.
Hand Protection	Canvas or cotton gloves.
Eye Protection	It is a good industrial hygiene practice to minimize eye contact. Wear a face shield when working with molten material.
Ventilation	Good general ventilation (typically 10 air changes per hour) should be used. Ventilation rates should be matched to conditions. Supplementary local exhaust ventilation, closed systems, or respiratory protection may be needed in special circumstance such as poorly ventilated spaces, mechanical generation of dusts, heating, drying, etc.

13. STORAGE AND HANDLING INFORMATION

Maximum Storage N/A

Storage Measures If material is stored under ambient temperature conditions, it is not hazardous. Avoid contact with molten material.

Handling Measures Keep away from fire. Blower collecting and local exhaust ventilation systems should be installed to prevent contaminant dispersion into the air. Sawing of this product generates particulates regulated as "inert" or "nuisance" dusts. To minimize dust emissions, engineering controls should be employed. such as bag house filters and cyclone separators.

14. PRINTING ABILITY

NOTE: All below information shall only used as a guide; buyers shall independently test and determine the products suitability. The mentioned data are average of test result and should not be used for the purpose of lawsuit or warranty

Ink Printability

Solvent	<input type="checkbox"/>	Screen Printing	<input type="checkbox"/>
Eco Solvent		Dye Transfer	
UV	<input type="checkbox"/>	Dye Direct	
Latex		Dye Waterbased	

15. GLOSSARY

Mg/m³ milligrams per cubic meter (concentration)

MSHA Mine Safety and Heath Administration

N/A Not Applicable or Not Available

NIOSH National Institute for Occupational Safety and health

OSHA Occupational Safety and health Administration (Department of Labor)

PEL Permissible Exposure Limit (time-weighted average)

PET Poly Ethylene Terephthalate

STEL Short-Term Exposure Limit (15-minute)

The information presented herein is believed to be factual and reliable. It is offered in good faith, but without guarantee, since conditions and methods for the use of our products are beyond our control. We recommend that the prospective user determine the suitability of our products and these suggestions before adopting them on a commercial scale. Please send direct comments and questions to Green Atlantic (info@greenatlanticpvc.com).