

Material Safety Data Sheet

MSDS No. 1033
Revised: 02/20/2013

Product/Chemical Name: Norseal A, B, BL, C, CB, L, LA, P and T Foams
Chemical Name: Polyvinyl Chloride
Manufacturer: Saint-Gobain Performance Plastics, 1 Sealants Park, Granville, NY 12832
Phone (518) 642-2200, Fax (518) 642-1792
Emergency Telephone Number: ChemTel (800) 255-3924

☆☆☆☆☆ Emergency Overview ☆☆☆☆☆

Exempt from regulation because foam is an "article" that does not release or otherwise result in exposure to a hazardous chemical under normal use.

Physical State:

Appearance and Odor: Soft Solid Foam

Density:

P Foam	4 lb/ft ³
A, BL, L, LA Foams	6 lb/ft ³
CB Foam	9 lb/ft ³
B Foam	12 lb/ft ³
C, T Foams	15 lb/ft ³

Water Solubility: Insoluble

Boiling Point: N/A

% Volatile: N/A

Evaporation Rate: N/A

Vapor Pressure: N/A

Vapor Density (Air=1): N/A

Flash Point: N/A

Extinguishing Media:

Unusual Fire or Explosion Hazards:

Hazardous Combustion Products:

Fire-Fighting Equipment:

N/A

Water, CO₂, or dry chemicals

Generation of HCl fumes

CO and HCl

Self-contained breathing apparatus (SCBA).

Stability:

N/A

Conditions to Avoid: N/A

Hazardous Decomposition Products:

CO and HCl

Potential Health Effects

First Aid: N/A

Carcinogenicity: IARC, NTP, and OSHA do not list as a carcinogen.

Spill/Leak Procedures:

N/A

Regulatory Requirements:

Follow applicable OSHA regulations (29 CFR 1910.120).

Disposal:

Follow applicable Federal, State, and local regulations.

Ventilation:

N/A

Respiratory Protection:

None

Protective Clothing/Equipment:

None

Comments: Never eat, drink, or smoke in work areas. Practice good personal hygiene after using this material, especially before eating, drinking, smoking, using the toilet, or applying cosmetics.

Handling Precautions:

None.

Storage Requirements:

Store under 110°F for best performance.

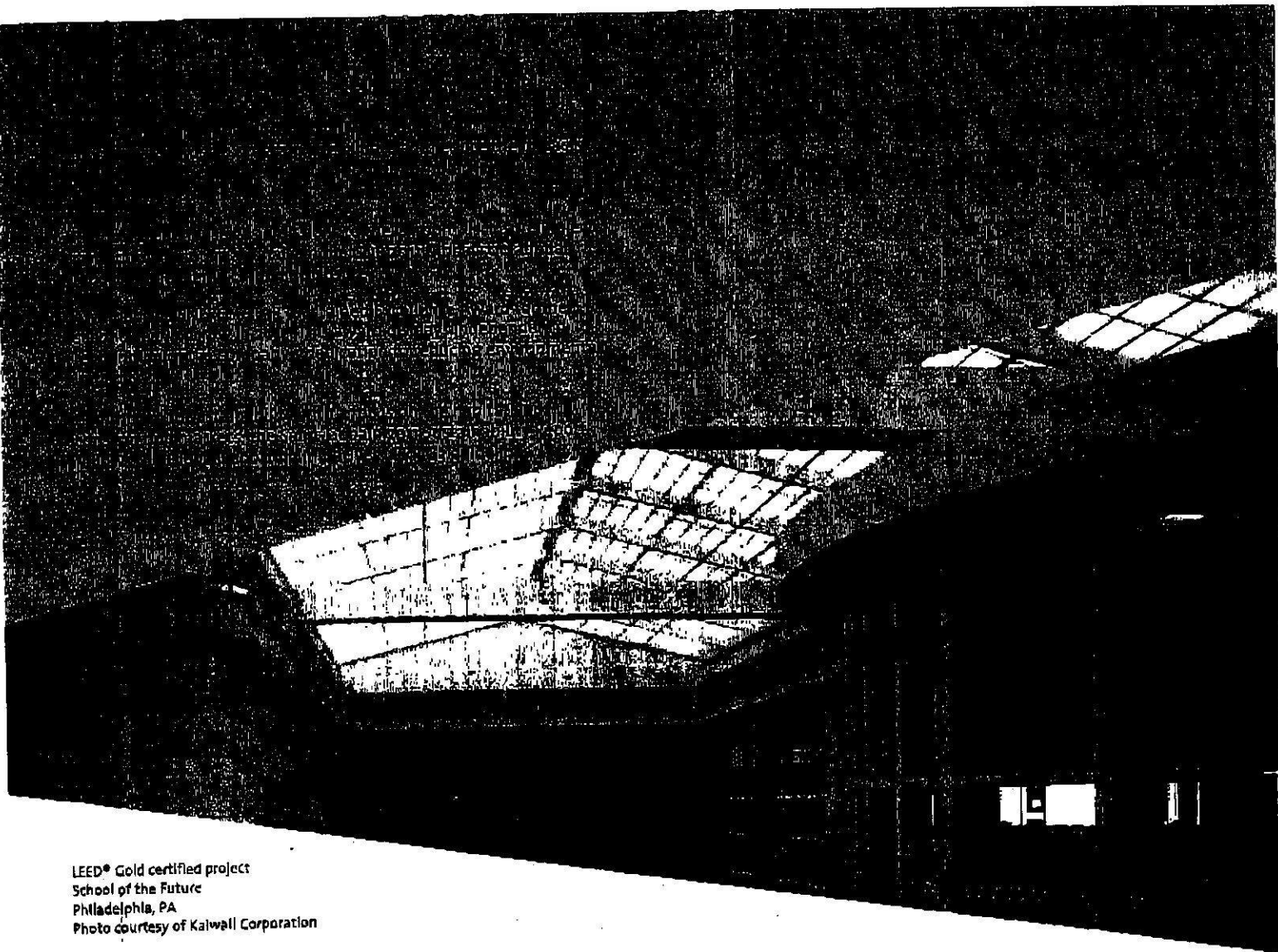
Disclaimer: The information and recommendations set forth herein are taken from sources believed to be accurate as of the date hereof; however, Saint-Gobain Performance Plastics makes no warranty with respect to the accuracy of the information or suitability of the recommendations, and assumes no liability to any use thereof.

WARNING:

This product contains a substance known to the State of California to cause cancer or reproductive toxicity.

WARNING:

For P-foam products manufactured after revision date: Even though this product qualifies as an article, it contains a "Substance of Very High Concern" SVHC in quantities greater than 0.1%. European legislation (REACH) requires that this warning is present.



LEED® Gold certified project
School of the Future
Philadelphia, PA
Photo courtesy of Kaiwell Corporation



Specialized Adhesive Tapes for Industry Since 1965

Valley Industrial Products, Inc.

Gerry Shanahan, Sales Manager

631-385-9300 Ext. 28 gshanahanvalleyindustrial@earthlink.net

152 New York Avenue
Huntington, NY 11743

Fax: 631-385-9340
www.valleyindustrialtape.com

Printed in the U.S.A.



LEED Credit	Norseal® Contribution	Possible Points
-------------	-----------------------	-----------------

Energy & Atmosphere		
--------------------------------	--	--

EA Prerequisite 2 Minimum Energy Performance	Norseal® sealing tapes provide thermal breaks in the joints and cracks within building and wall assemblies where their compression seal can be applied. This thermal isolation application reduces air leakage throughout a building, which in turn can help reduce the load on the HVAC system to satisfy ANSI/ASHRAE 90.1-2007 requirements.	Required
----------------------------------------------------	------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	----------

EA Credit 1 Optimize Energy Performance	Norseal® sealing tapes provide thermal breaks in the joints and cracks within building and wall assemblies where their compression seal can be applied. This thermal isolation application reduces air leakage throughout a building, which in turn can help reduce the load on the HVAC system to satisfy ANSI/ASHRAE 90.1-2007 requirements.	1-24 Points
-----------------------------------------------	------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	-------------

Indoor Environmental Quality		
-------------------------------------	--	--

IEQ Credit 1 Acoustical Performance	Norseal® sealing tapes can help meet or exceed the sound and vibration criteria outlined in the 2012 Facility Guidelines Institute (FGI) Guidelines for Design and Construction of Health Care Facilities and the Sound and Vibration Design Guidelines for Healthcare Facilities by reducing sound transmission and dampening vibrations within the wall and ceiling systems.	1-2 Points
----------------------------------------	--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	------------

LEED Credit	Norseal® Contribution	Possible Points
-------------	-----------------------	-----------------

Energy & Atmosphere		
--------------------------------	--	--

EA Credit 1 Optimize Energy Performance	Norseal® sealing tapes provide thermal breaks in the joints and cracks within building and wall assemblies where their compression seal can be applied. This thermal isolation application reduces air leakage throughout a building, which in turn can help reduce the load on the HVAC system to satisfy ANSI/ASHRAE 90.1-2007 requirements.	2-34 Points
-----------------------------------------------	------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	-------------

Energy & Atmosphere		
--------------------------------	--	--

EA Credit 1 Optimize Energy Performance	Norseal® sealing tapes provide thermal breaks in the joints and cracks within building and wall assemblies where their compression seal can be applied. This thermal isolation application reduces air leakage throughout a building, which in turn can help reduce the load on the HVAC system to satisfy ANSI/ASHRAE 90.1-2007 requirements.	2-34 Points
-----------------------------------------------	------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	-------------

LEED Credit	Norseal® Contribution	Possible Points
-------------	-----------------------	-----------------

Energy & Atmosphere		
--------------------------------	--	--

EA Credit 1 Optimize Energy Performance	Norseal® sealing tapes provide thermal breaks in the joints and cracks within building and wall assemblies where their compression seal can be applied. This thermal isolation application reduces air leakage throughout a building, which in turn can help reduce the load on the HVAC system to satisfy ANSI/ASHRAE 90.1-2007 requirements.	2-34 Points
-----------------------------------------------	------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	-------------

NAHB Credit	Norseal® Contribution	Possible Points
-------------	-----------------------	-----------------

Energy & Atmosphere		
--------------------------------	--	--

701.4.3-3 Minimum Energy Efficiency Requirements: Windows and Doors	Norseal® sealing tapes provide thermal breaks in the joints and cracks within building and wall assemblies where their compression seal can be applied. This thermal isolation application reduces air leakage throughout a building, which in turn can help reduce the load on the HVAC system to satisfy ANSI/ASHRAE 90.1-2007 requirements.	Required
------------------------------------------------------------------------------	------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	----------

Energy & Atmosphere		
--------------------------------	--	--

701.4.3-3 Minimum Energy Efficiency Requirements: Windows and Doors	Norseal® sealing tapes provide thermal breaks in the joints and cracks within building and wall assemblies where their compression seal can be applied. This thermal isolation application reduces air leakage throughout a building, which in turn can help reduce the load on the HVAC system to satisfy ANSI/ASHRAE 90.1-2007 requirements.	Required
------------------------------------------------------------------------------	------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	----------

NAHB Credit	Norseal® Contribution	Possible Points
-------------	-----------------------	-----------------

Energy & Atmosphere		
--------------------------------	--	--

701.4.3-3 Minimum Energy Efficiency Requirements: Windows and Doors	Norseal® sealing tapes provide thermal breaks in the joints and cracks within building and wall assemblies where their compression seal can be applied. This thermal isolation application reduces air leakage throughout a building, which in turn can help reduce the load on the HVAC system to satisfy ANSI/ASHRAE 90.1-2007 requirements.	Required
------------------------------------------------------------------------------	------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	----------

LEED Credit	Norseal® Contribution	Possible Points Per LEED Rating System
Energy & Atmosphere		
EA Prerequisite 2 Minimum Energy Performance	Norseal® sealing tapes provide thermal breaks in the joints and cracks within building and wall assemblies where their compression seal can be applied. This thermal isolation application reduces air leakage throughout a building, which in turn can help reduce the load on the HVAC system to satisfy ANSI/ASHRAE 90.1-2007 requirements.	LEED-NC, LEED-CS, LEED for Retail; NC, LEED for Schools, LEED Canada NC: Required in all rating systems
EA Credit 1 Optimize Energy Performance	Norseal® sealing tapes provide thermal breaks in the joints and cracks within building and wall assemblies where their compression seal can be applied. This thermal isolation application reduces air leakage throughout a building, which in turn can help reduce the load on the HVAC system to satisfy ANSI/ASHRAE 90.1-2007 requirements.	LEED-NC, LEED for Retail; NC, LEED for Schools, LEED Canada NC: 1-19 Points LEED-CS: 3-21 Points
Indoor Environmental Quality		
IEQ Prerequisite 3 Minimum Acoustical Performance	Norseal® sealing tapes reduce sound transmission around partition or acoustical ceiling perimeters and also dampen vibrations within these wall systems. By reducing sound transmission from space to space Norseal® sealing tapes can contribute in achieving this prerequisite.	LEED for Schools: Required
IEQ Credit 7 or 7.1 Thermal Comfort	Norseal® sealing tapes provide thermal breaks in the joints and cracks within building and wall assemblies where their compression seal can be applied. Using Norseal® products reduces air leakage throughout a building, which helps to provide a comfortable thermal environment that promotes occupant productivity and well-being, and also creates a building envelope that meets the requirements of ANSI/ASHRAE 55-2004.	LEED-NC, LEED-CS, LEED for Retail; NC, LEED for Schools, LEED Canada NC: 1 Point
IEQ Credit 9 Enhanced Acoustical Performance	By reducing sound transmission within the wall and ceiling systems, Norseal® sealing tapes can help facilitate better teacher-to-student and student-to-student communications and help learning spaces meet the STC requirements of ANSI 60-2002.	LEED-SCH: 1 Point
Innovation & Design		
Pilot Credit 24 Acoustics	By reducing sound transmission within the wall and ceiling systems, Norseal® products can help create workspaces that promote occupants' well-being, productivity and communication through increasing the STC ratings of occupant rooms.	LEED-NC, LEED for Retail; NC: 1 Point

LEED Credit	Norseal® Contribution	Possible Points
Energy & Atmosphere		
EA Prerequisite 2 Minimum Energy Performance	Norseal® sealing tapes provide thermal breaks in the joints and cracks within building and wall assemblies where their compression seal can be applied. This thermal isolation application reduces air leakage throughout a building, which in turn can help reduce the load on the HVAC system to satisfy ANSI/ASHRAE 90.1-2007 requirements.	Required
EA Credit 1.3 Optimize Energy Performance: HVAC	Norseal® sealing tapes provide thermal breaks in the joints and cracks within building and wall assemblies where their compression seal can be applied. This thermal isolation application reduces air leakage throughout a building which in turn can help reduce the load on the HVAC system to satisfy ANSI/ASHRAE 90.1-2007 requirements.	1-19 Points
Indoor Environmental Quality		
IEQ Credit 7 Thermal Comfort	Norseal® sealing tapes provide thermal breaks in the joints and cracks within building and wall assemblies where their compression seal can be applied. Using Norseal® products reduces air leakage throughout a building, which helps to provide a comfortable thermal environment that promotes occupant productivity and well-being, and also creates a building envelope that meets the requirements of ANSI/ASHRAE 55-2004.	1 Point
Innovation & Design		
Pilot Credit 24 Acoustics	By reducing sound transmission within the wall and ceiling systems, Norseal® products can help create workspaces that promote occupants' well-being, productivity and communication through increasing the STC ratings of occupant rooms.	1 Point



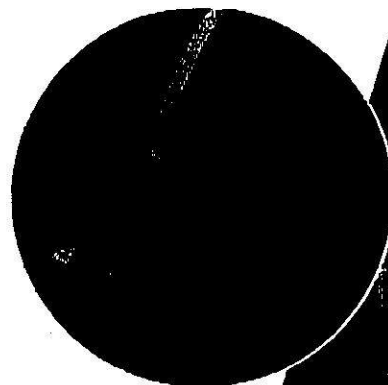
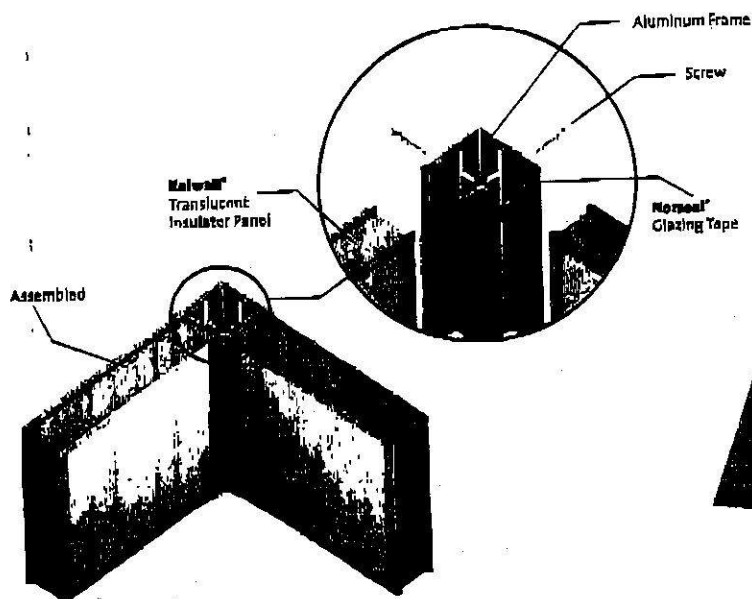
Norseal™ sealing, gasketing and glazing tapes by Saint-Gobain contribute to meeting green building standards

Norseal™ compressible PVC foam tapes are used in building applications to seal against water, air, thermal and light infiltration to improve a building's energy efficiency.

- Closed cell PVC foam
- Seals joints and cracks in the building envelope against moisture and air
- Low thermal conductivity
- Reduces the load on HVAC systems
- Enhances indoor environmental quality
- Aggressive adhesive aids in easy fabrication
- Reduces waste and disposal impacts
- Wide range of properties including minimizing sound transmission
- Available in rolls, die cuts and spools

These improvements in building performance can earn points under the energy efficiency, thermal comfort and acoustical performance credits in the following rating systems:

- LEED for New Construction (LEED-NC)
- LEED for Core and Shell (LEED-CS)
- LEED for Commercial Interiors (LEED-CI)
- LEED for Retail: New Construction (LEED for Retail: NC)
- LEED for Retail: Commercial Interiors (LEED for Retail: CI)
- LEED for Schools
- LEED for Healthcare
- LEED for Homes (LEED-H)
- LEED Canada: New Construction (LEED Canada NC)
- LEED Canada for Homes
- National Association of Home Builders National Green Building Standard™



LEED Silver certified school
Goshute North High School
Crescent, MI
Photo courtesy of Kalwall Corporation

