

**THE SHAW GROUP LIMITED
MATERIAL SAFETY DATA SHEET**



MATERIAL – Lantz Pavers

SECTION I – PRODUCT IDENTIFICATION

Product Name:	Lantz Pavers	Manufacturer name and address:	Same
Product Use:	Construction/Building Materials		
Supplier name and address:	The Shaw Group Limited P.O. Box 2130 Lantz, Nova Scotia B2S 3G4		
Emergency Tel. #:	(902) 883-2201 (daytime only)	Emergency Tel. #:	Same
Fax #:	(902) 883-1273	Fax #:	Same
Chemical Name:	N. Ap.	Molecular weight:	N. Ap.

SECTION II - INGREDIENTS

Ingredients:	CAS #	%	LC ₅₀ ppm (inhalation)	LD ₅₀ mg/kg
Portland Cement	65997-15-1	7 – 13%	N. Ap.	N. Ap.
Quartz	14808-60-7	79%	N. Ap.	N. Ap.

SECTION III – PHYSICAL DATA

Physical State:	Solid	Freezing Point:	N. Ap.
Odour and appearance:	Manufactured concrete dry cast paver block	pH:	N. Ap.
Odour threshold:	N. Ap.	Vapour density (air 1):	N. Ap.
Specific gravity:	N. Ap.	Evaporation rate (BuAc 1):	N. Ap.
Coefficient of water/oil distribution:	N. Ap.	Volatility, %:	N. Ap.
Vapour pressure (mmHg):	N. Ap.	Solubility in water:	N. Ap.
Boiling point:	N. Ap.	Density g/ml:	N. Ap.

SECTION IV – FIRE AND EXPLOSION DATA

Conditions of flammability:	N. Ap.
Means of extinction:	N. Ap.
Sensitivity to mechanical impact/static discharge:	N. Ap.
Flash point (Method):	N. Ap.
Upper/Lower flammable limits (% by volume):	N. Ap.
Auto-ignition temperature:	N. Ap.
Hazardous combustion products:	N. Ap.

SECTION V – REACTIVITY DATA

Stability:	N. Ap.
Incompatible materials:	N. Ap.
Conditions of reactivity:	N. Ap.
Hazardous decomposition products:	N. Ap.

N. Av. Not Available
N. Ap. Not Applicable

MATERIAL – Lantz Pavers Color Stone Pavers

LD₅₀ of material:	N. Ap.
LC₅₀ of material:	N. Ap.
Exposure limit:	.025mg/m ³ – resp. dust – silica 1mg/m – Portland Cement (The value for total dust containing no asbestos and less than 1% crystalline silica)
Route of entry:	Inhalation
Effects of Chronic Exposure or Product:	Crystalline silica is a known cause of silicosis, a progressive chronic lung disease and is a group 1 carcinogen.
Irritancy of Product:	Scratches from abrasive edges/surfaces.
Acute effects:	N. Ap.
Other effects:	N. Ap.
Sensitization to product:	N. Ap.
Synergistic product:	N. Ap.
Other effects:	N. Ap.

SECTION VII – PREVENTIVE MEASURES

Personal Protective Equipment:	Approved protective clothing to protect against skin abrasions and dust inhalation.
Gloves:	To prevent scratches and cuts.
Respiratory (Specify):	Respiratory protection is required if cutting, crushing, or grinding of product is present. A properly fitted and approved NIOSH respirator as per standard Z94.4 is needed if silica dust exceeds the TLV.
Eye (Specify):	Approved protective goggles for dust/chips.
Footwear (Specify):	Approved protective industrial footwear.
Clothing (Specify):	N. Ap.
Other (Specify):	N. Ap.
Engineering Controls (e.g. ventilation, enclosed process, specify):	Recommend local exhaust ventilation when dry sawing.
Leak and Spill Procedure:	N. Ap.
Waste Disposal:	In accordance with local landfill requirements.
Handling Procedures and Equipment:	Avoid dry sawing. Wear approved respirator if dust produced during sawing.
Storage Requirements:	N. Ap.
Special Shipping Information:	This product is not regulated under TDG

SECTION VIII – FIRST AID MEASURES

Skin:	First aid for skin abrasions.
Eye:	Do not attempt to remove embedded objects in eye. Seek appropriate health care.
Inhalation:	If difficulty breathing, remove to fresh air. Seek appropriate health care if symptoms persist.
Ingestion:	N. Ap.
General Advise	N. Ap.
Additional Information/Comments:	Avoid dry sawing to avoid dust production. We down to cut/saw.

SETION IX – PREPARATION DATE OF M.S.D.S.

Prepared by: Brady Hawley, Division Engineer	Phone: 1-902-883-2201	Date: June 1993
		Rev.: Aug. 2001
		Rev.: July 2007
		Rev.: Oct 2010
		Rev.: Mar 2012
		Rev.: May 2015

This information and recommendations contained herein are offered as a service to our customers/employees and are not intended to relieve the user from its responsibility to investigate and understand other pertinent sources of information and to comply with laws and procedures applicable to safer handling and use of materials. This information is believed to be accurate at the time of preparation and obtained from sources generally believed to be reliable. However, The Shaw Group Limited makes no warranty concerning their accuracy and will not be liable for claims relating to any party's use of or reliance on information contained herein.

