



MATERIAL SAFETY DATA SHEET

R-4 INSULSHEATHING

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SECTION I - Product Information

Product Name :	R-4 Insulsheathing.
Brand Name :	R-4 Sheathing.
Manufacturer :	Building Products of Canada Corp. 420, Dupont Street West Pont-Rouge, Quebec, Canada, G3H 1S2
Emergency Phone Numbers :	(418) 873-2521
Product Uses :	It is used on the exterior of frame construction where its excellent racking strength and R-Value and weather resistance provide a composite panel that is an excellent base for the exterior wall finish.

SECTION II - Preparation Information

Prepared by :	Building Products of Canada Corp. 420, Dupont Street West Pont-Rouge, Quebec, Canada, G3H 1S2
Date of preparation :	August 2010
Date of revision :	August 2013

SECTION III - Hazardous material

Hazardous Components :	<ul style="list-style-type: none">• OSHA PEL ;• ACGIH TLV <p>This is not a WHIMS (Canada) or OSHA (USA) controlled product.</p>
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SECTION IV - Physical Data

Odour and appearance :	<ul style="list-style-type: none">• Odour : none ;• Appearance : Solid foam.
Boiling Point :	n/a
Vapour Pressure (mm Hg.) :	n/a
Vapour Density (AIR = 1) :	n/a
Specific Gravity (H₂O = 1) :	0.010 - 0.064
Melting Point :	180° F (82° C)
Evaporation Rate (Butyl Acetate = 1) :	n/a
Solubility in Water :	Insoluble.



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SECTION V - Fire and explosion data

Flash point :	655° F (346° C)
Flammable limits in air % by volume :	910° F (488° C)
LEL :	No limit
UEL :	167° F (75° C)
Fire and explosion hazards :	<ul style="list-style-type: none">• Dense black smoke ;• Carbon monoxide (CO) ;• Traces of Hydrogen Bromide (HBr).
Extinguishing method :	<ul style="list-style-type: none">• Water ;• Fog ;• CO² ;• Foam ;• Dry chemical (ABC).
Fire fighting procedures :	Wear self-contained breathing apparatus in confined areas or when exposed to combustion products.

SECTION VI - Reactivity Data

Stability :	Stable
Conditions to avoid :	<ul style="list-style-type: none">• Heat ;• Spark ;• Open Flames.
Incompatibility (Materials to Avoid) :	<ul style="list-style-type: none">• Organic solvents ;• Hydrocarbons ;• Esters ;• Amines ;• Aldehydes.
Hazardous decomposition :	CO and HBr in fire case.
Hazardous polymerization :	Will not occur.

SECTION VII - Environmental and disposal information

Steps to Be Taken in Case Material is Released or Spilled :	n/a
Waste disposal method:	<ul style="list-style-type: none">• Bury in an approved landfill ;• Burn in an adequate incinerator with excess oxygen.
Precautions to be taken in handling and storing :	Do not store at intermittent temperature above 180° F (82° C) or long term temperature Above 167° F (75° C).
Other precautions :	Do not expose to source of ignition. Exposure to UV light (sun) for long periods result in slow degradation (dusting) in surface.



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SECTION VIII - Health Hazard Data

Acute and Chronic Health Hazards :	There are no known chronic effects associated with this material.
Routes of Entry :	<ul style="list-style-type: none">• Skin : n/a ;• Inhalation : n/a ;• Ingestion : may cause adverse effects.
Carcinogenicity :	<ul style="list-style-type: none">• NTP : n/a ;• IARC monographs : n/a ;• OSHA regulated : No.
Signs and Symptoms of Exposure :	<ul style="list-style-type: none">• Eye and Skin : contact may cause irritation ;• Ingestion : may cause adverse effects ;• Inhalation : of vapours or mist may cause dizziness, nausea and headache.

SECTION IX - First Aid

Medical conditions :	<ul style="list-style-type: none">• If victim is unconscious, never induce vomiting nor give liquids.• Place victim in a stable side position and keep warm.
Emergency and first aid procedures :	<ul style="list-style-type: none">• Eyes : Flush loose bead from eyes with water.• Ingestion : Presents no significant ingestion hazard other than as an obstruction if swallowed.

SECTION X - Handling precautions

Ventilation :	<ul style="list-style-type: none">• Local Exhaust : Preferred ;• Mechanical (General) : Adequate ;• Special and Other : n/a.
Respiratory Protection :	Wear dust mask during sawing or sanding operation.
Skin Protection :	Protective gloves not needed.
Eye Protection :	Use safety glasses when sawing or sanding.
Other Protective Practices :	n/a

SECTION XI - Additional information

Since this product is a "Manufacture Article". Building Products of Canada Corp. is not required by law to produce a Material Safety Data Sheet. This Material Safety Data Sheet is provided as a customer service information.

The recommendations and data presented are believed to be correct. However, no warranty is expressed or implied regarding the accuracy of the data or the results obtained from the use of this information.