



SAFETY DATA SHEET BUILT-UP ROOFING SYSTEMS ASPHALT SATURATED FELTS

Section I – Product Information

Brand Name: #15 CSA Classic, #15 CSA 18", #15 CSA Pro, #15 Pro-LW, #15 D4869 Asphalt Felt, #15 D4869 Heavy Duty, #15 ASTM Asphalt Felt, #15 CSA Perforated, #15 CSA Perforated Felt 18", Gate Saturated Felt, Type 15 Felt, Asphalt Felt Type 30, Type 30 Heavy Duty, 30 Asphalt Felt, Type 30 Heavy Duty 18", Asphalt Felt #30 D4869, Asphalt Felt #30 D4869 18", #30 ASTM Asphalt Felt and Asphalt Felt D4869 Type 3.

Manufacturer: Building Products of Canada Corp
9510, St-Patrick street
LaSalle (Quebec), Canada H8R 1R9

Emergency phone number: CANUTEC 1-888-226-8832

Product Uses: This product is use on sloped roofs for water shedding.

WHMIS Classification: These products are not controlled by the WHMIS.

Preparation date: February 2018

Version: 2

Section II – Hazard Identification

Emergency Overview:

As per OSHA and WHMIS the products in section I are considered consumable items and do not require MSDS. Since, all the components mentioned in the table above are bounded in all of the products, when they are handled and used under normal conditions, there is no evidence that any of the components are released in quantities that pose a risk to health and/or safety. However, we want to disclose as much as possible information relating to health and safety, to ensure that the product is handled and used properly. This SDS contains valuable information for safe handling and proper use of the products. This SDS should be retained and available for employees and other users.

Potential Health Effects (see section 11 for more information)

Inhalation	Exposure to dust produced during handling or cutting the product may cause eye, skin, nose, throat and upper respiratory tract irritation. If respiratory symptoms persist, consult a physician.
Eyes	Dust may cause mechanical irritation. If burning, redness, itching or other symptoms persist, consult a physician.
Skin	Direct contact with dust may cause temporary irritation. Rubbing of this product on skin may cause mechanical abrasion. If symptoms persist, consult a physician.
Ingestion	This product is not intended to be eaten or ingested. Unlikely to occur, but may cause an irritation of the gastrointestinal tract, throat and stomach if ingested.

Acute: Studies found that workers exposed to asphalt fumes have caused irritation of the serous membranes of the conjunctivae (eye irritation) and mucous membrane of the upper respiratory tract (nasal and throat irritation)

Chronic: None known.

Target organs: Eyes, skin and respiratory system.

Primary entry routes: Inhalation, eyes and skin contact.

Carcinogenicity, teratogenicity, embryotoxicity, mutagenicity: This product has no teratogenic, mutagenic, or embryotoxic known effects. However, it contains traces of crystalline silica in the sand and the limestone.



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Component	IARC	NTP	ACGIH	CAL-65
Bitumen	Not Listed	Not Listed	Not Listed	Cancer
Asphalt fumes	Probably carcinogenic (2A)	Not Listed	Suspected Human Carcinogen	Not Listed
Wood fiber	Not Listed	Not Listed	Not Listed	Not Listed
Starch	Not Listed	Not Listed	Not Listed	Not Listed

Section III – Composition, / Information on ingredients

Component	CAS No.	EC No.	Weight %
Oxidized Asphalt	64742-93-4	265-196-4	40-60
Starch	9005-25-8	232-679-6	<4
Wax	8002-74-2	232-315-6	<1
Wood Fiber	mixture	mixture	60-40

The components declared herein are not considered hazardous components as per WHMIS, OSHA and 29 CFR 1910.1200 legislations.

As per OSHA and WHMIS the above product is considered a consumable item and do not require a SDS or MSDS. However we want to disclose as much as possible information relating to health and safety, to ensure that the product is handled and used properly. This SDS contains valuable information for safe handling and proper use of the product. This SDS should be retained and available for employees and other users.

Section IV – First aid measures

Inhalation: In case of inhalation of gas or vapor, remove person to fresh air. If breathing is difficult or ceases, administer oxygen. If symptoms persist, consult a physician. This will only happen upon heating or combustion.

Skin contact: Under normal conditions, wash skin with soap and water. If irritation persists or burned by the hot product, consult a physician.

Eye contact: Flush eyes with water for 15 to 20 minutes. If irritation persists or burned by the hot product, consult a physician.

Ingestion: This product is not intended to be eaten. Ingestion is unlikely to occur. If ingestion occurs, consult a physician.

Medical conditions which may be aggravated: Pre-existing respiratory and lung diseases such as bronchitis, emphysema or asthma. Pre-existing skin conditions such as rashes and dermatitis.

Notes to the physician: This product is a mechanical irritant, acute exposure is not expected to produce any chronic health effect. Treatment should be aimed at alleviating symptoms.

Section V – Fire Fighting measures

Flash Point: > 200°C
 Auto-Inflammation Temperature: > 400°C
 Flammable Limits in air : Upper Flammable Limit (UFL): No object
 Lower Flammable Limit (LFL): No object
 Flammability Classification: Not Applicable
 Rate of Burning: Not Applicable
 Specific Dangers: None.
 Combustion products: Fire gives off normal combustion products.
 Fire Fighting Agents: Use dry powder, foam and water spray or appropriate extinguishing media for surrounding materials on fire.
 Fire Fighting Procedures: Wear self-contained breathing apparatus and full protective clothing (see section 8).



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Section VI – Accidental release measures

Containment:	No special measure.
Clean-up:	No special measure.
Disposal:	The finished product is an asphalt-based solid. Follow all local, municipal, provincial, state and federal regulations. To remove, use standard means approved for disposal. Dispose in a landfill or use any other method prescribed by regulation.

Section VII – Handling and storage

Handling:	Under normal condition this product represents no specific risks. Provide appropriate exhaust ventilation at machinery and at places where dust can be generated. Use personal protective equipment as required (see section 8). Avoid frequent or prolonged inhalation of dust and fumes. Wear the appropriate respiratory protection against dust in poorly ventilated areas and if TLV is exceeded (see Sections 2 and 8). Use good safety and industrial hygiene practices.
Storage:	Store flat, in a dry, well ventilated place and away from sources of excessive heat. Product should be protected from the weather and direct sunlight.

Section VIII – Exposure controls/personal protection

Component	Weight	TLV (mg/m ³)	PEL (mg/m ³)
Oxidized Asphalt	10 to 30	Not Listed	Not Listed
Oxidized Asphalt fumes (upon heating or combustion)	---	5 mg/m ³ – 15 minutes	5 mg/m ³ – resp 15 mg/m ³ – total

ENGINEERING CONTROLS: Provide sufficient ventilation, i.e., enough to control fumes. Use ventilation to keep fume concentrations below permissible exposure limits. Keep work area clean.

If engineering controls are not possible, use safety glasses, gloves and dust respirator mask. Wear a NIOSH/MSHA approved respirator with cartridges in poorly ventilated areas or if TLV is exceeded.

Section IX – Physical and chemical properties

Appearance at 25°C:	Solid
Odor:	Neutral
pH:	No object
Density:	> 1 g/cm ³
Melting Point:	No object
Freezing Point:	No object
Boiling Point:	No object
Evaporation Rate:	No object
Vapor Tension:	No object
Vapor Density:	No object
Relative Density (water = 1):	> 1
Solubility:	Insoluble in water
Decomposition Temperature:	Not measured
VOC	None



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Section X – Stability and reactivity

Stability:	Stable.
Condition to avoid:	None known
Incompatibility:	None known
Hazardous Polymerization	Will not occur
Hazardous Decomposition	The decomposition products are those expected from hydrocarbon based products. These decomposition products may include carbon oxides and carbon particles. Thermal-oxidative degradation of asphalt produces irritating fumes and gases.

Section XI – Toxicological information

Acute Effects:	None are known for the product. However, direct contact with any dust, including sand dust and asphalt fumes, can irritate mucous membranes of your nose and eyes.
Chronic Effects/Carcinogenicity	None are known for the product. However, repeated contact with fumes can cause skin irritation, dermatitis or respiratory sensitization or irritation.

Section XII – Ecological Information

Environmental Toxicity:	This product has no known adverse effect on ecology
Ecotoxicity Value:	Not determined

Section XIII – Disposal considerations

Disposal:	The finished product contains asphalt. It may be recycled in local facilities. If unable to recycle dispose of the material in accordance with all local, municipal, provincial, state and federal regulations. Use standard means approved for disposal. Dispose in a landfill or use any other method prescribed by regulation.
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Section XIV – Transport information

U.S. DOT INFORMATION:	Not a hazardous material per DOT shipping requirements. Not classified or regulated.
Shipping Name:	Same as product name.
Hazard Class:	Not classified.
UN/NA #:	None / Not classified.
Packing Group	None.
Label (s) Required	Not applicable.
GGVSeb/MDG-Code	Not classified.
ICAO/IATA-DGR	Not regulated (below 100°C).
RID/ADR	None.
ADNR	None.
Canadian Transportation of Dangerous Goods (TDG):	Not a dangerous good.



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Section XV – Regulatory information

Canada: WHMIS Classification: Not a controlled product
All the ingredients are part of the Domestic Substance List (DSL)

United State: All the ingredients contained in the product are included in U.S. Environmental Protection Agency's Toxic Substances Control Act Chemical Substance Inventory

This product does not contain hazardous component as per WHMIS and OSHA, 29 CFR 1910.1200, SARA 302, 304 and 313, CERCLA CAA section 112 or RCRA hazardous legislations.

As per OSHA and WHMIS the above product is considered a consumable item and do not require MSDS or SDS. However we want to disclose as much as possible information relating to health and safety, to ensure that the product is handled and used properly. This SDS contains valuable information for safe handling and proper use of the product. This SDS should be retained and available for employees and other users.

European Union Dangerous Substances Directive 67/548/EEC
R-Phrase(s): None Known (2001/59/EC)
s-Phrase(s): None Known (2006/102/EC)

Hydrogen sulfide may be emitted by heated asphalt and is toxic by inhalation. Continuous exposure to Hydrogen Sulfide can cause unconsciousness and even death. Hazard Symbols: Xi, Xn, T. Risk Phrases: R23, 36/37/38, 42/43, 44, 48/49.

Section XVI – Other information

Caution!

Fumes from combustion may cause eyes, skin and respiratory tract irritations (see section 8). If eye contact occurs flush with water for 15 to 20 minutes. Do not ingest. If ingested, call a physician. KEEP OUT OF REACH OF CHILDREN.

NFPA Ratings: Health 0; Fire 1; Reactivity 0; Personal protection (Gloves).

HMIS Ratings: Health 0; Fire 1; Reactivity 0; Personal protection (Gloves)

NFPA and HMIS hazard category: 0= minimal, 1= Slight, 2 = Moderate, 3 = Serious, 4= Severe

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Since this product is a "Manufactured Article". Building Products of Canada Corp. is not required by law to produce a Material Safety Data Sheet or a Safety Data Sheet. This Safety Data Sheet is provided as customer service information. The recommendations and data presented are believed to be reliable. However, no warranty is expressed or implied regarding the accuracy of the data or the results obtained from the use of this information.