



# OCTOLAM - HIGH PRESSURE LAMINATE (HPL)

## MATERIAL SAFETY DATA SHEET

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### SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

#### **MANUFACTURER**

Various

#### **COMPANY ADDRESS AND PHONE NUMBER**

Octopus Products Limited  
23 Gurney Crescent  
Toronto, ON M6B 1S9  
Canada

1-877-OCTOLAM (628-6526)

#### **PRODUCT NAME**

Octolam

#### **ISSUE DATE**

February 3, 2016

#### **PRODUCT CODES**

Octolam HPL 100 to 700 series

### SECTION 2: HAZARDS IDENTIFICATION

#### **ROUTE OF ENTRY**

None for product as sold. For dust chips generated during fabrication: eye, contact, skin contact, and inhalation.

#### **TARGET ORGANS**

Lungs (from dust generated during fabrication only)

#### **INHALATION**

Fabrication operations such as milling, cutting, grinding, etc., may produce dust or fine particles that may be irritating. Asthmatic conditions may be aggravated by dust generated.

#### **SKIN CONTACT and EYE CONTACT**

Solid sheet may be abrasive to, or cut skin. Fabrication operations such as milling, cutting, grinding, etc., may produce dust or fine particles that may cause irritation.

#### **INGESTION**

Not an expected route of entry.

#### **WARNING! THIS PRODUCT MAY FORM COMBUSTIBLE DUST WHEN PROCESSING.**

#### HMIS (United States):

HEALTH = 0  
FLAMMABILITY = 1  
REACTIVITY = 0  
PPE = B

#### WHMIS (Canada):

Not classified as hazardous.

### SECTION 3: COMPOSITION / INFORMATION ON INGREDIENTS

Slight variances may exist depending on manufacturer.

Name	CAS#	% by Weight
Cellulose	9004-34-6	25-85
Formaldehyde Resins	Not Applicable	10-50
Polyester Resins	Not Available	0-15

### SECTION 4: FIRST AID MEASURES

#### **INHALATION**

No hazard for product as sold. Fabrication operations such as milling, cutting, grinding, etc., may produce dust or fine particles that may be irritating to the respiratory tract. If irritation persists, seek medical attention.

#### **SKIN CONTACT**

Solid sheet may be abrasive to, or cut skin. Fabrication operations such as milling, cutting, grinding, etc., may produce dust or fine particles that may cause irritation. May aggravate existing skin conditions. Wash with soap and water. If irritation persists, seek medical attention.

#### **EYE CONTACT**

No hazard for product as sold. Fabrication operations such as milling, cutting, grinding, etc., may produce dust or fine particles that may be irritating to the eyes. Rinse eyes with water for 15 minutes. If irritation persists, seek medical attention.

#### **INGESTION**

Not an expected route of entry. If dust is ingested, irritation of the mouth could occur. Rinse mouth with clean water. If irritation persists, seek medical attention.

### SECTION 5: FIRE FIGHTING MEASURES

#### **FLASH POINT**

Not applicable.

#### **FLASH POINT METHOD**

Not applicable.

#### **AUTOIGNITION TEMPERATURE**

Not available.

#### **BURNING RATE**

Not available.



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### **FIRE AND EXPLOSION HAZARD**

No hazard for product as sold. Fabrication operations such as milling, cutting, grinding, etc., may produce dust. Fine dust dispersed in the air in sufficient concentrations, and in the presence of an ignition source is a potential dust explosion hazard.

### **FIRE FIGHTING EQUIPMENT**

Use extinguishing media appropriate for surrounding fire. Use self-contained breathing apparatus and clothing appropriate for surrounding fire. (CO<sub>2</sub>, water, foam)

### **HAZARDOUS PRODUCTS OF COMBUSTION**

Carbon oxides (CO and CO<sub>2</sub>), nitrogen, ammonia and formaldehyde.

### SECTION 6: ACCIDENTAL RELEASE MEASURES

#### **SMALL SPILL OR LEAK**

Not Applicable.

#### **LARGE SPILL OR LEAK**

Not Applicable.

Dust deposits should not be allowed to accumulate on surfaces, as these may form an explosive mixture if they are released into the atmosphere in sufficient concentration.

### SECTION 7: HANDLING AND STORAGE

#### **HANDLING PRECAUTIONS**

No specific usage precautions required. Follow normal good hygiene practices. Protect exposed skin from cuts and abrasions. Minimize dust generation and accumulation. Routine housekeeping should be instituted to ensure that dust does not accumulate on surfaces. Avoid dispersal of dust in the air (i.e., clearing dusty surfaces with compressed air).

#### **STORAGE REQUIREMENTS**

Store in a dry and well-ventilated area.

### SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

#### **ENGINEERING CONTROLS**

No special ventilation controls required for product as sold. Provide adequate ventilation to meet exposure guidelines if fabrication operations generate dust or fine particles. It is recommended that all dust control equipment such as local exhaust ventilation and transport systems involved in

handling dust particulate of this product contain explosion relief vents or explosion suppression system or an oxygen-deficient environment. Ensure that dust handling systems (such as exhaust ducts, dust collectors, vessels, and processing equipment) are designed in a manner to prevent the escape of dust into the work area (i.e., no leakage from equipment).

#### **PROTECTIVE EQUIPMENT**

Respirators – No specific recommendations. Respiratory protection must be used if the OSHA Permissible Exposure Limit for laminate dust (Particulate Not Otherwise Regulated – PNOR) is exceeded.

#### **PROTECTIVE GLOVES**

Because of the possibility of sharp edges protective gloves should always be worn when handling laminates.

#### **EYE PROTECTION**

Wear safety glasses with side shields during fabrication operations that produce chips, fine particles, or dust.

#### **EXPOSURE GUIDELINES / OTHER**

Consult local authorities and regulations for exposure limits.

### SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

#### **APPEARANCE**

Solid sheet, various colors, size and thickness.

#### **PHYSICAL STATE**

Solid

#### **ODOR**

None

#### **pH**

Not applicable

#### **SPECIFIC GRAVITY / DENSITY**

Approx. 85 lbs/ ft<sup>3</sup>

#### **BOILING POINT**

Not applicable

#### **FREEZING / MELTING POINT**

Not applicable

#### **SOLUBILITY**

Insoluble in water



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## SECTION 10: STABILITY AND REACTIVITY

### **STABILITY**

Stable.

### **CONDITIONS TO AVOID**

None

### **MATERIALS TO AVOID (INCOMPATIBILITY)**

None

### **HAZARDOUS DECOMPOSITION PRODUCTS**

Carbon oxides (CO and CO<sub>2</sub>)

### **HAZARDOUS POLYMERIZATION**

Will not polymerize.

## SECTION 11: TOXICOLOGICAL INFORMATION

### **TOXICITY TO ANIMALS**

This product has not been tested for animal effects. This product is not expected to be toxic to animals.

### **TOXICITY TO HUMANS**

This product has not been tested for human effects. This product is not expected to be toxic to humans.

### **CARCINOGENS**

This product may contain trace amounts of formaldehyde as a suspect human carcinogen. NTP lists formaldehyde as carcinogenic. **WARNING** Substance contained in this product known to the State Of California to cause cancer, birth defects or other reproductive harm – formaldehyde.

## SECTION 12: ECOLOGICAL INFORMATION

### **ECOTOXICITY**

Not available. Not expected to be ecotoxic.

### **BOD5 and COD**

Not available.

### **BIODEGRADABLE / OECD**

Not available.

### **MOBILITY**

Not available.

### **TOXICITY OF THE PRODUCTS OF BIODEGRADATION**

Not available.

### **SPECIAL REMARKS ON THE PRODUCTS OF BIODEGRADATION**

Not available.

## SECTION 13: DISPOSAL CONSIDERATIONS

Not classified as hazardous waste. Dispose of in accordance with local regulations.

## SECTION 14: TRNSPORT INFORMATION

### **RESTRICTIONS**

None known.

### **DOT REQUIREMENTS (United States)**

Not a DOT controlled material.

### **ADR REQUIREMENTS (Europe)**

Not an ADR controlled material.

### **IMDG REQUIREMENTS**

Not an IMDG controlled material.

### **IATA REQUIREMENTS**

Not an IATA controlled material.

### **MARINE POLLUTANT**

Not a marine pollutant.

## SECTION 15: REGULATORY INFORMATION

### **INTERNATIONAL REGULATIONS**

#### **DSL (Canada)**

None.

#### **EINECS**

None.

#### **WHIMIS**

Not classified as hazardous.

Prepared by: Octopus Products Limited, Brad Wilson,  
Operations Manager

*To the best of our knowledge, the information contained herein is accurate. However, neither Octopus Products Limited or the manufacturers of Octolam High Pressure Laminate or any of its subsidiaries, distributors or agents assumes liability whatsoever for accuracy or completeness of information herein.*

*Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards this exist.*

FN: MSDS\_OCTOLAM