# HELMIBOND 805

Safety Data Sheet

According To Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules And Regulations

Revision Date: 02/19/2019 Version: 1.1

## SECTION 1: IDENTIFICATION

### Product Identifier

**Product Form:** Mixture

**Product Name:** HELMIBOND 805

### Intended Use of the Product

**Use of the Substance/Mixture:** No use is specified.

### Name, Address, and Telephone of the Responsible Party

**Company**

Helmitin Inc.
99 Shorncliffe Rd
Toronto, Ontario, M8Z 5K7
877.823.2624

11110 Airport Road
Olive Branch, MS 38654
Phone: 877.823.2624
www.helmitin.com

### Emergency Telephone Number

**Emergency Number** : CANUTEC 613-996-6666 / CHEMTREC 1-800-424-9300

## SECTION 2: HAZARDS IDENTIFICATION

### Classification of the Substance or Mixture

**Classification (GHS-US)**

Not classified

### Label Elements

**GHS-US Labeling**

**Precautionary Statements (GHS-US)** : P280 - Wear protective gloves, protective clothing, and eye protection.
P308+P313 - If exposed or concerned: Get medical advice/attention.

### Other Hazards

Exposure may aggravate those with pre-existing eye, skin, or respiratory conditions.

### Unknown Acute Toxicity (GHS-US)

44.48 percent of the mixture consists of ingredient(s) of unknown acute toxicity.

## SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

### Mixture

| Name | Product Identifier | % (w/w) |
|---|---|---|
| Vinyl acetate polymer | (CAS No) 9003-20-7 | 30 - 60 |
| Propanol, oxybis-, dibenzoate | (CAS No) 27138-31-4 | 1 - 5 |
| Vinyl acetate-Vinyl alcohol polymer | (CAS No) 25213-24-5 | 1 - 5 |

## SECTION 4: FIRST AID MEASURES

### Description of First Aid Measures

**General:** Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label if possible).

**Inhalation:** Remove to fresh air and keep at rest in a position comfortable for breathing. Obtain medical attention if breathing difficulty persists.

**Skin Contact:** Remove contaminated clothing. Drench affected area with water or soap and water for at least 15 minutes. Wash contaminated clothing before reuse. Obtain medical attention if irritation develops or persists.

**Eye Contact:** Rinse cautiously with water for at least 15 minutes. Remove contact lenses, if present and easy to do so. Continue rinsing. Obtain medical attention if irritation persists.

**Ingestion:** Do NOT induce vomiting. Rinse mouth. Immediately call a POISON CENTER or doctor/physician.

### Most Important Symptoms and Effects Both Acute and Delayed

**General:** None expected under normal conditions of use.

**Inhalation:** May cause respiratory irritation.

**Skin Contact:** May cause skin irritation.

**Eye Contact:** May cause eye irritation.

**Ingestion:** Ingestion is likely to be harmful or have adverse effects.

**Chronic Symptoms:** None expected under normal conditions of use.

### Indication of Any Immediate Medical Attention and Special Treatment Needed

If you feel unwell, seek medical advice (show the label where possible).

## SECTION 5: FIRE-FIGHTING MEASURES

### Extinguishing Media

**Suitable Extinguishing Media:** Use extinguishing media appropriate for surrounding fire.

**Unsuitable Extinguishing Media:** Do not use a heavy water stream. Use of heavy stream of water may spread fire.

### Special Hazards Arising From the Substance or Mixture

**Fire Hazard:** May be combustible at high temperature.

**Explosion Hazard:** Explosive when mixed with oxidizing substances.

**Reactivity:** Hazardous reactions may occur on contact with certain chemicals. Refer to incompatible materials.

### Advice for Firefighters

**Precautionary Measures Fire:** Exercise caution when fighting any chemical fire. Under fire conditions, hazardous fumes will be present.

**Firefighting Instructions:** Use water spray or fog for cooling exposed containers. In case of major fire and large quantities: Evacuate area. Fight fire remotely due to the risk of explosion.

**Protection During Firefighting:** Do not enter fire area without proper protective equipment, including respiratory protection.

**Hazardous Combustion Products**: Under fire conditions this material may produce hazardous carbon dioxide ($CO_2$), carbon monoxide (CO), various low molecular weight hydrocarbons, and smoke.

### Reference to Other Sections

Refer to section 9 for flammability properties.

## SECTION 6: ACCIDENTAL RELEASE MEASURES

### Personal Precautions, Protective Equipment and Emergency Procedures

**General Measures:** Avoid all unnecessary exposure. Do not allow contact with incompatible materials (see section 10).

**For Non-Emergency Personnel**

**Protective Equipment:** Use appropriate personal protection equipment (PPE).

**Emergency Procedures:** Evacuate unnecessary personnel.

**For Emergency Personnel**

**Protective Equipment:** Equip cleanup crew with proper protection.

**Emergency Procedures:** Upon arrival at the scene, a first responder is expected to recognize the presence of dangerous goods, protect oneself and the public, secure the area, and call for the assistance of trained personnel as soon as conditions permit.

### Environmental Precautions

Prevent entry to sewers and public waters. Notify authorities if liquid enters sewers or public waters.

### Methods and Material for Containment and Cleaning Up

**For Containment:** Contain any spills with dikes or absorbents to prevent migration and entry into sewers or streams. Do not take up in combustible material such as: saw dust or cellulosic material.

**Methods for Cleaning Up:** Clear up spills immediately and dispose of waste safely. Spills should be contained with mechanical barriers. Transfer spilled material to a suitable container for disposal. Contact competent authorities after a spill. Use only non-sparking tools.

### Reference to Other Sections

See Heading 8. Exposure controls and personal protection. For further information refer to section 13.

## SECTION 7: HANDLING AND STORAGE

### Precautions for Safe Handling

**Additional Hazards When Processed:** Any proposed use of this product in elevated-temperature processes should be thoroughly evaluated to assure that safe operating conditions are established and maintained.

**Hygiene Measures:** Handle in accordance with good industrial hygiene and safety procedures. Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work.

### Conditions for Safe Storage, Including Any Incompatibilities

**Technical Measures:** Any proposed use of this product in elevated-temperature processes should be thoroughly evaluated to assure that safe operating conditions are established and maintained.

**Storage Conditions:** Store in a dry, cool and well-ventilated place. Keep container closed when not in use. Keep in fireproof place. Keep/Store away from direct sunlight, extremely high or low temperatures and incompatible materials.

**Incompatible Materials:** Strong acids, strong bases, strong oxidizers.

### Specific End Use(s)

No use is specified.

## SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

### Control Parameters

For substances listed in section 3 that are not listed here, there are no established Exposure limits from the manufacturer, supplier, importer, or the appropriate advisory agency including: ACGIH (TLV), NIOSH (REL), OSHA (PEL), Canadian provincial governments, or the Mexican government

### Exposure Controls

**Appropriate Engineering Controls:** Emergency eye wash fountains and safety showers should be available in the immediate vicinity of any potential exposure, but are not required. Product to be handled under strictly controlled conditions. Ensure all national/local regulations are observed. Gas detectors should be used when flammable gases or vapors may be released. Provide exhaust ventilation or other engineering controls to keep the airborne concentrations of vapor or mists below the applicable workplace exposure limits.

**Personal Protective Equipment:** Protective clothing. Insufficient ventilation: wear respiratory protection.

**Materials for Protective Clothing:** Chemically resistant materials and fabrics.

**Hand Protection:** In case of repeated or prolonged contact wear gloves.

**Eye Protection:** In case of splash hazard: chemical goggles or safety glasses.

**Skin and Body Protection:** Wear suitable protective clothing.

**Respiratory Protection:** If exposure limits are exceeded or irritation is experienced, approved respiratory protection should be worn.

**Environmental Exposure Controls:** Do not allow the product to be released into the environment.

**Consumer Exposure Controls:** Do not eat, drink, or smoke during use.

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

### Information on Basic Physical and Chemical Properties

| | | |
|---|---|---|
| **Physical State** | : | Liquid |
| **Appearance** | : | White |
| **Odor** | : | Mild |
| **Odor Threshold** | : | Not available |
| **pH** | : | 3.5-4.5 |
| **Evaporation Rate** | : | 1 [*Ref Std: Water = 1.0*] |
| **Melting Point** | : | Not applicable |
| **Freezing Point** | : | Product may be irreversibly damaged below 5 °C (41 °F) |
| **Boiling Point** | : | 100 °C (212 °F) (aqueous phase) |
| **Flash Point** | : | Not applicable |
| **Auto-ignition Temperature** | : | Not applicable |
| **Decomposition Temperature** | : | Not available |
| **Flammability (solid, gas)** | : | Not available |
| **Lower Flammable Limit** | : | Not applicable |
| **Upper Flammable Limit** | : | Not applicable |

| | | |
|---|---|---|
| **Vapor Pressure** | : | 17.5mm Hg @ 20 °C (68 °F) |
| **Relative Vapor Density at 20 °C** | : | Not available |
| **Relative Density** | : | 1.12 g/mL |
| **Specific Gravity** | : | 1.12 @ 25°C (77°F) |
| **Solubility** | : | Moderately soluble in water |
| **Partition Coefficient: N-Octanol/Water** | : | Not available |
| **Viscosity** | : | 3,600 – 4,800 centipoise @ 25 °C (77 °F) |
| **Solids Content** | : | 50 ± 2% |
| **Explosion Data – Sensitivity to Mechanical Impact** | : | Not expected to present an explosion hazard due to mechanical impact. |
| **Explosion Data – Sensitivity to Static Discharge** | : | Not expected to present an explosion hazard due to static discharge. |
| **VOC Content (SCAQMD Rule 1168)** | : | 0 g/L (0 lbs/gal) |
| **VHAP Content** | : | 0.0 lbs/lb solids |

## SECTION 10: STABILITY AND REACTIVITY

**Reactivity:** Hazardous reactions may occur on contact with certain chemicals. Refer to incompatible materials.

**Chemical Stability:** Stable under recommended handling and storage conditions (see section 7).

**Possibility of Hazardous Reactions:** Hazardous reactions will not occur under normal conditions.

**Conditions to Avoid:** Direct sunlight. Extremely high or low temperatures. Ignition sources. Incompatible materials.

**Incompatible Materials:** Strong acids, strong bases, strong oxidizers.

**Hazardous Decomposition Products:** Under fire conditions this material may produce hazardous carbon dioxide ($CO_2$), carbon monoxide (CO), various low molecular weight hydrocarbons, and smoke.

## SECTION 11: TOXICOLOGICAL INFORMATION

### Information on Toxicological Effects - Product

**Acute Toxicity:** Not classified

**LD50 and LC50 Data:** Not available

**Skin Corrosion/Irritation:** Not classified

**pH:** 3.5-4.5

**Serious Eye Damage/Irritation:** Not classified

**pH:** 3.5-4.5

**Respiratory or Skin Sensitization:** Not classified

**Germ Cell Mutagenicity:** Not classified

**Teratogenicity:** Not available

**Carcinogenicity:** Not available

**Specific Target Organ Toxicity (Repeated Exposure):** Not classified

**Reproductive Toxicity:** Not classified

**Specific Target Organ Toxicity (Single Exposure):** Not classified

**Aspiration Hazard:** Not classified

**Symptoms/Injuries After Inhalation:** May cause respiratory irritation.

**Symptoms/Injuries After Skin Contact:** May cause skin irritation.

**Symptoms/Injuries After Eye Contact:** May cause eye irritation.

**Symptoms/Injuries After Ingestion:** Ingestion is likely to be harmful or have adverse effects.

**Chronic Symptoms:** None expected under normal conditions of use.

### Information on Toxicological Effects - Ingredient(s)

**LD50 and LC50 Data:**

| **Vinyl acetate polymer (9003-20-7)** | |
|---|---|
| **IARC Group** | 3 |

## SECTION 12: ECOLOGICAL INFORMATION

### Toxicity

**Ecology - General:** Not classified.

**Persistence and Degradability** Not available

**Bioaccumulative Potential**

**Mobility in Soil** Not available

**Other Adverse Effects**

**Other Information:** Avoid release to the environment.

## SECTION 13: DISPOSAL CONSIDERATIONS

**Sewage Disposal Recommendations:** This material is hazardous to the aquatic environment. Keep out of sewers and waterways.

**Waste Disposal Recommendations:** Dispose of waste material in accordance with all local, regional, national, provincial, territorial and international regulations.

**Ecology – Waste Materials:** Avoid release to the environment.

## SECTION 14: TRANSPORT INFORMATION

**In Accordance with DOT** Not regulated for transport

**In Accordance with IMDG** Not regulated for transport

**In Accordance with IATA** Not regulated for transport

**In Accordance with TDG** Not regulated for transport

## SECTION 15: REGULATORY INFORMATION

**US Federal Regulations**

| **SARA Section 311/312 Hazard Classes** | |
|---|---|

| **Propanol, oxybis-, dibenzoate (27138-31-4)** |
|---|
| Listed on the United States TSCA (Toxic Substances Control Act) inventory |

| **Vinyl acetate polymer (9003-20-7)** |
|---|
| Listed on the United States TSCA (Toxic Substances Control Act) inventory |

| **Vinyl acetate-Vinyl alcohol polymer (25213-24-5)** |
|---|
| Listed on the United States TSCA (Toxic Substances Control Act) inventory |

**US State Regulations**

**Canadian Regulations**

| WHMIS Classification | Uncontrolled product according to WHMIS classification criteria |
|---|---|

| **Propanol, oxybis-, dibenzoate (27138-31-4)** | |
|---|---|
| Listed on the Canadian DSL (Domestic Substances List) | |
| WHMIS Classification | Uncontrolled product according to WHMIS classification criteria |

| **Vinyl acetate polymer (9003-20-7)** | |
|---|---|
| Listed on the Canadian DSL (Domestic Substances List) | |
| WHMIS Classification | Uncontrolled product according to WHMIS classification criteria |

| **Vinyl acetate-Vinyl alcohol polymer (25213-24-5)** | |
|---|---|
| Listed on the Canadian DSL (Domestic Substances List) | |
| WHMIS Classification | Uncontrolled product according to WHMIS classification criteria |

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and the SDS contains all of the information required by CPR.

## SECTION 16: OTHER INFORMATION, INCLUDING DATE OF PREPARATION OR LAST REVISION

**Revision Date** : 02/19/2019

**Other Information** : This document has been prepared in accordance with the SDS requirements of the OSHA Hazard Communication Standard 29 CFR 1910.1200.

**GHS Full Text Phrases**:

*This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.*

North America GHS US 2012 & WHMIS 2015