



How the best perform

# Double Wrap

## Safety Data Sheet

according to the Hazardous Products Regulation (February 11, 2015)

Date of issue: 08/07/2018

Revision date: 08/07/2018

Version: 1.0

### SECTION 1: Identification

#### 1.1. Product identifier

Product form : Article  
 Product name : Bonded Double Wrap  
 Product code : IMS-2215 15x15" Bonded Double Wrap  
 : IMS-2220 20x20" Bonded Double Wrap  
 : IMS-2224 24x24" Bonded Double Wrap

#### 1.2. Recommended use and restrictions on use

Recommended use : Sterilization wrap

#### 1.3. Supplier

##### Supplier

Hu-Friedy Mfg. Co., LLC  
3232 N Rockwell Street  
60618 Chicago, IL - USA  
T 1-800-483-7433

##### Distributor

#### 1.4. Emergency telephone number

Emergency number : 1-800-535-5053

### SECTION 2: Hazard identification

#### 2.1. Classification of the substance or mixture

Manufactured Article: GHS classification and labelling not applicable. This product is exempt from classification and labelling as per the Hazardous Products Act, Paragraph 12(i).

##### Classification (GHS-CA)

Not classified.

#### 2.2. GHS Label elements, including precautionary statements

Not applicable.

#### 2.3. Other hazards

No additional information available

#### 2.4. Unknown acute toxicity (GHS-CA)

Not applicable

### SECTION 3: Composition/information on ingredients

#### 3.1. Substances

Not applicable

#### 3.2. Mixtures

This mixture does not contain any substances to be mentioned according to the criteria of section 3.2 of WHMIS 2015

### SECTION 4: First-aid measures

#### 4.1. Description of first aid measures

First-aid measures after inhalation : Not a normal route of exposure. If symptoms develop, remove to fresh air. Get medical attention if condition worsens.  
 First-aid measures after skin contact : Not a normal route of exposure. If skin irritation occurs: Wash skin with plenty of water. Obtain medical attention if irritation persists.  
 First-aid measures after eye contact : Not a normal route of exposure. In case of contact, immediately rinse eyes with plenty of water for at least 15 minutes. If eye irritation persists: Get medical advice/attention.  
 First-aid measures after ingestion : Not a normal route of exposure. Do not induce vomiting without medical advice. Never give anything by mouth to an unconscious person. Get medical advice/attention if you feel unwell.

#### 4.2. Most important symptoms and effects (acute and delayed)

Symptoms/effects after inhalation : Adverse effects not expected from this product.  
 Symptoms/effects after skin contact : Adverse effects not expected from this product.  
 Symptoms/effects after eye contact : Adverse effects not expected from this product.  
 Symptoms/effects after ingestion : Adverse effects not expected from this product.

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### 4.3. Immediate medical attention and special treatment, if necessary

Other medical advice or treatment : Symptoms may be delayed. In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).

## SECTION 5: Fire-fighting measures

### 5.1. Suitable extinguishing media

Suitable extinguishing media : Water spray. Foam. Carbon dioxide. Dry chemical.

### 5.2. Unsuitable extinguishing media

Unsuitable extinguishing media : None known.

### 5.3. Specific hazards arising from the hazardous product

Fire hazard : Products of combustion may include, and are not limited to: oxides of carbon. Other unidentified organic compounds. During combustion, or when heated sufficiently, product may decompose to form smoke and toxic fumes, gases or vapours.

### 5.4. Special protective equipment and precautions for fire-fighters

Protection during firefighting : Keep upwind of fire. Wear full fire fighting turn-out gear (full Bunker gear) and respiratory protection (SCBA).

## SECTION 6: Accidental release measures

### 6.1. Personal precautions, protective equipment and emergency procedures

General measures : Use personal protection recommended in Section 8. Isolate the hazard area and deny entry to unnecessary and unprotected personnel. Eliminate sources of ignition.

### 6.2. Methods and materials for containment and cleaning up

For containment : Pick up large pieces, then place in a suitable container. Do not flush to sewer or allow to enter waterways. Use appropriate Personal Protective Equipment (PPE). Keep damp to minimize airborne dust.

Methods for cleaning up : Vacuum or sweep material and place in a disposal container. Provide ventilation.

### 6.3. Reference to other sections

For further information refer to section 8: "Exposure controls/personal protection"

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

Precautions for safe handling : Avoid contact with skin and eyes. Avoid breathing dust/fume/gas/mist/vapours/spray. Do not swallow. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Handle and open container with care. When using do not eat, drink or smoke.

Hygiene measures : Wash hands before eating, drinking, or smoking. Wash contaminated clothing before reuse. Always wash hands after handling the product.

### 7.2. Conditions for safe storage, including any incompatibilities

Storage conditions : Keep out of the reach of children. Keep container tightly closed. Keep dry. Store in original container.

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

No additional information available

### 8.2. Appropriate engineering controls

Appropriate engineering controls : Use ventilation adequate to keep exposures (airborne levels of dust, fume, vapor, etc.) below recommended exposure limits.

Environmental exposure controls : Avoid release to the environment.

### 8.3. Individual protection measures/Personal protective equipment

#### Hand protection:

None necessary under normal conditions of use.

#### Eye protection:

None necessary under normal conditions of use.

#### Skin and body protection:

None necessary under normal conditions of use.

#### Respiratory protection:

None necessary under normal conditions of use.

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### Other information:

Handle in accordance with good industrial hygiene and safety procedures. Do not eat, drink or smoke when using this product.

## SECTION 9: Physical and chemical properties

### 9.1. Information on basic physical and chemical properties

Physical state	: Solid
Appearance	: Powder
Colour	: White with beige specs
Odour	: lemon
Odour threshold	: No data available
pH	: 10 (dilution -0.5%)
Relative evaporation rate (butylacetate=1)	: No data available
Relative evaporation rate (ether=1)	: No data available
Melting point	: 150 - 170 °C (Polypropylene)
Freezing point	: No data available
Boiling point	: No data available
Flash point	: > 315.6 °C (estimated)
Auto-ignition temperature	: No data available
Decomposition temperature	: No data available
Flammability (solid, gas)	: No data available
Vapour pressure	: No data available
Vapour pressure at 50 °C	: No data available
Relative density	: No data available
Density	: 0.79 g/cm <sup>3</sup>
Solubility	: Water: Insoluble
Partition coefficient n-octanol/water	: No data available
Viscosity, kinematic	: No data available
Explosive limits	: No data available

### 9.2. Other information

No additional information available

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

Reactivity	: No dangerous reactions known under normal conditions of use.
Chemical stability	: Stable under normal conditions.
Possibility of hazardous reactions	: No dangerous reactions known under normal conditions of use.
Conditions to avoid	: Sparks, heat, open flame and other sources of ignition. Incompatible materials.
Incompatible materials	: Strong oxidizing agents.
Hazardous decomposition products	: May include, and are not limited to: oxides of carbon. Other unidentified organic compounds.

## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

Acute toxicity (oral)	: Not applicable
Acute toxicity (dermal)	: Not applicable
Acute toxicity (inhalation)	: Not applicable
Skin corrosion/irritation	: Not applicable pH: 10 (dilution -0.5%)
Serious eye damage/irritation	: Not applicable pH: 10 (dilution -0.5%)
Respiratory or skin sensitization	: Not applicable
Germ cell mutagenicity	: Not applicable
Carcinogenicity	: Not applicable
Reproductive toxicity	: Not applicable
STOT-single exposure	: Not applicable
STOT-repeated exposure	: Not applicable

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Aspiration hazard	: Not applicable
Likely routes of exposure	: Under thermal decomposition: Skin, Eye, Ingestion.
Symptoms/effects after inhalation	: Adverse effects not expected from this product.
Symptoms/effects after skin contact	: Adverse effects not expected from this product.
Symptoms/effects after eye contact	: Adverse effects not expected from this product.
Symptoms/effects after ingestion	: Adverse effects not expected from this product.

### SECTION 12: Ecological information

#### 12.1. Toxicity

Ecology - general : Product not expected to pose an acute toxicity hazard to aquatic life or terrestrial animals at normal exposure levels.

#### 12.2. Persistence and degradability

<b>Double Wrap</b>	
Persistence and degradability	Not established.

#### 12.3. Bioaccumulative potential

<b>Double Wrap</b>	
Bioaccumulative potential	Not established.

#### 12.4. Mobility in soil

No additional information available

#### 12.5. Other adverse effects

Ozone : Not classified.  
Other information : No other effects known.

### SECTION 13: Disposal considerations

#### 13.1. Disposal methods

Product/Packaging disposal recommendations : This material must be disposed of in accordance with all local, state, provincial, and federal regulations.

### SECTION 14: Transport information

#### 14.1. Basic shipping description

In accordance with TDG

#### Transportation of Dangerous Goods

Not regulated for transport

#### 14.2. Transport information/DOT

#### Department of Transport

Not regulated for transport

#### 14.3. Air and sea transport

No additional information available

### SECTION 15: Regulatory information

#### 15.1. National regulations

All components of this product are listed, or excluded from listing, on the Canadian DSL (Domestic Substances List) and NDSL (Non-Domestic Substances List) inventories except for:

Subtilisin	CAS-No. 9014-01-1
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#### 15.2. International regulations

No additional information available

### SECTION 16: Other information

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Prepared by : Nexreg Compliance Inc.  
[www.Nexreg.com](http://www.Nexreg.com)



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