

## **SAFETY DATA SHEETS**

**This SDS packet was issued with item:**

071131341

**The safety data sheets (SDS) in this packet apply to the individual products listed below. Please refer to invoice for specific item number(s).**

071131333 071131374



## **MATERIAL SAFETY DATA SHEET**

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### **SECTION 1 - PRODUCT DETAILS**

Product Identification: HEDY Non-Latex Isodam (Polyisoprene Rubber Sheet)

### **SECTION 2 – COMPOSITION / INFORMATION ON INGREDIENTS**

Synthetic polyisoprene rubber  
Essential processing chemicals and pigments

### **SECTION 3 - HAZARD IDENTIFICATION**

Latex Free Dental Dam is generally considered non-hazardous and is safe for use by persons who know they are susceptible to Type I Allergies from natural latex. However, the product contains higher levels of dithiocarbamate than natural latex rubber and consequently may cause sensitisation by skin contact and give rise to Type IV Allergies. Persons who know they are susceptible to dithiocarbamates should avoid contact with polyisoprene. N-Nitrosamine by-products of dithiocarbamate are typically <10µg/kg (93/11/EEC limit for bottle teats) when tested by BSEN12868.

### **SECTION 4 - FIRST AID MEASURES**

Not Applicable.

### **SECTION 5 - FIRE FIGHTING MEASURES**

Sheeting should be protected during handling and storage should be away from naked flames as rubber is flammable. In storage areas it is advisable to observe non-smoking restrictions.

### **SECTION 6 - ACCIDENTAL RELEASE MEASURES**

Not Applicable.

## **SECTION 7 - HANDLING AND STORAGE**

<i>Temperature:</i>	Store below 26°C and away from heaters.
<i>Humidity:</i>	Avoid damp storage conditions.
<i>Light:</i>	Protect from prolonged exposure to light, in particular uv and bright sunlight which will degrade light coloured sheets.
<i>Metals:</i>	Avoid contact with copper and copper containing alloys which stain light coloured sheets brown.
<i>Oils and solvents:</i>	Avoid contact with oils, solvents and greases, which will destroy polyisoprene rubber.
<i>Fire:</i>	Keep away from flame.

The behavioural properties of polyisoprene rubber with respect to its performance when exposed to chemicals are comparable to that of natural rubber.

## **SECTION 8 - EXPOSURE CONTROL AND PERSONAL PROTECTION**

Not Applicable.

## **SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES**

### **Typical Properties**

Tensile Strength	12.0 MPa
Modulus at 500% Extension	1.3MPa
Elongation at Break	1100%
Tear Strength	24 N/mm
Max. Recommended Working Temperature	100°C

### **Thicknesses**

0.18mm – 0.23mm Medium Gauge

0.23mm – 0.28mm Heavy Gauge

+/- 10% Tolerance

### **Width**

6" x 6" (152mm x 152mm) or 5" x 5" (127mm x 127mm)

**SECTION 10 - STABILITY AND REACTIVITY**

Not Applicable.

**SECTION 11 - TOXICOLOGICAL INFORMATION**

Not Applicable.

**SECTION 12 - ECOLOGICAL INFORMATION**

Not Applicable.

**SECTION 13 - DISPOSABLE RECOMMENDATIONS**

May be disposed in landfill. Should be in accordance to local state/ federal laws and regulations.

**SECTION 14 – TRANSPORT INFORMATION**

Not Applicable.

**SECTION 15 – REGULATORY INFORMATION**

Not Applicable.

**SECTION 16 – OTHER INFORMATION**

Safety data sheet issued: 15<sup>th</sup> November 2012

Uses and restrictions: None.

Notice: Information contained in this data sheet is based on current knowledge and usage. Customers should satisfy themselves as to the suitability of this product for their own particular use



## SAFETY DATA SHEET

### SECTION 1 - IDENTIFICATION

Product Identification:	HEDY Non-Latex Isodam (Polyisoprene Rubber Sheet)
Recommended use:	Isolation. For professional use only.
Restrictions on use:	HEDY Non-Latex Isodam Glove is a single use device.
Canadian Supplier Identifier:	Hedy Canada Inc. Unit #2, 82 Akron Road Etobicoke, ON M8W 1T2 Canada Phone: 1-800-489-7125 In case of emergency please call 911

### SECTION 2 - HAZARD IDENTIFICATION

Hazard classification:	N/A
Symbol:	N/A
Signal Word:	N/A
Hazard Statement:	N/A
Precautionary Statement:	Latex Free Dental Dam is generally considered non-hazardous and is safe for use by persons who know they are susceptible to Type I Allergies from natural latex. However, the product contains higher levels of dithiocarbamate than natural latex rubber and consequently may cause sensitisation by skin contact and give rise to Type IV Allergies. Persons who know they are susceptible to dithiocarbamates should avoid contact with polyisoprene. N-Nitrosamine by-products of dithiocarbamate are typically <10µg/kg (93/11/EEC limit for bottle teats) when tested by BSEN12868.
Other hazard which do not result in classification:	N/A

### SECTION 3 – COMPOSITION / INFORMATION ON INGREDIENTS

Chemical name:	Synthetic polyisoprene rubber Essential processing chemicals and pigments
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**SECTION 4 - FIRST AID MEASURES**

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General Information:	If systemic reaction occurs, discontinue use and seek emergency treatment.
After inhalation:	N/A
After skin contact:	If user or a patient are allergic or experience any discomfort, discontinue use immediately and seek medical advice. Please refer to section2.
After eye contact:	N/A
After swallowing:	N/A

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**SECTION 5 - FIRE FIGHTING MEASURES**

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Extinguishing Media:	Dry chemical powder. Actual selection of the media will also depend on the surrounding environment.
Special hazards arising from the substance:	N/A
Stability:	Sheeting should be protected during handling and storage should be away from naked flames as rubber is flammable. In storage areas it is advisable to observe non-smoking restrictions.
Protective equipment:	N/A

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**SECTION 6 - ACCIDENTAL RELEASE MEASURES**

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Personal precautions:	N/A
Environmental precautions:	N/A
Methods and material for containment and cleaning up:	N/A

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**SECTION 7 - HANDLING AND STORAGE**

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<i>Temperature:</i>	Store below 26°C and away from heaters.
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**SECTION 8 - EXPOSURE CONTROL AND PERSONAL PROTECTION**

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Additional information about design of technical facilities:	N/A
Ingredients with limit values that require monitoring at the workplace:	N/A
Personal protective equipment:	N/A
General protective and hygienic measures:	N/A
Respiratory protection:	N/A
Protection of hands:	N/A

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**SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES**

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**Typical Properties**

Tensile Strength	12.0 MPa
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**SECTION 10 - STABILITY AND REACTIVITY**

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Reactivity:	N/A
Chemical Stability:	N/A
Possibility of hazardous reactions:	N/A
Conditions to avoid:	Avoid freezing and extreme heat.
Incompatible materials:	N/A
Hazardous decompositions products:	N/A

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**SECTION 11 - TOXICOLOGICAL INFORMATION**

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Acute toxicity:	N/A
Primary irritant effect On the skin: On the eyes:	N/A
Sensitization:	N/A
Additional toxicological information:	If user or a patient are allergic or experience any discomfort, discontinue use immediately and seek medical advice.

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**SECTION 12 - ECOLOGICAL INFORMATION**

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Ecotoxicity:	N/A
Persistence and degradability:	N/A
Bioaccumulative potential:	N/A
Mobility in soil:	N/A
Other adverse effects:	N/A

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**SECTION 13 - DISPOSABLE RECOMMENDATIONS**

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General Methods:	Should be in accordance to local state/federal laws and regulations.
Disposal Methods:	No special precautions are required for this product.
Disposal of Packaging:	N/A

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**SECTION 14 – TRANSPORT INFORMATION**

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General:	Not classified as hazardous for transport.
UN Number:	N/A
Transport hazard class:	N/A
Packing group:	N/A
Environmental hazards:	N/A
Special precautions for user:	N/A

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**SECTION 15 – REGULATORY INFORMATION**

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Labeling:	No transport labeling is required.
Hazard designation of product:	Not classified as hazardous for supply.
Transport hazard class:	N/A
Hazard components of labelling:	N/A
Risk phrases:	N/A
Safety phrases:	In the event of skin irritation or rash, discontinue use.
Safety phrases:	N/A



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**SECTION 16 – OTHER INFORMATION**

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First issued:	15 <sup>th</sup> November 2012
Revision date:	October 19th 2017.
Issued by:	Quality Assurance

**DISCLAIMER:** This information is based on presently available data and knowledge. It describes the product related to the appropriate safety precautions. The information contained in this SDS has been compiled from reliable sources and is believed to be correct as of the date issued. It is the responsibility of the user to determine the appropriateness and applicability to their situation. Hedy Canada Inc. disclaims any expressed or implied warranty as to the accuracy of the above information and shall not be held liable for any direct, incidental, or consequential damages from use or reliance on the above information.

**Notice:** Information contained in this data sheet is based on current knowledge and usage. Customers should satisfy themselves as to the suitability of this product for their own particular use.