



MATERIAL SAFETY DATA SHEET

SECTION 1 - PRODUCT DETAILS

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

SECTION 2 – COMPOSITION / INFORMATION ON INGREDIENTS

Synthetic polyisoprene latex rubber plus essential processing chemicals and pigments.

SECTION 3 - HAZARD IDENTIFICATION

Polyisoprene is generally considered non-hazardous and is safe for use by persons who know they are susceptible to natural latex allergies. 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 below BSEN12868 limits.

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

Temperature: Store below 26°C and away from heaters.

Humidity: Avoid damp storage conditions.

Light: Protect from prolonged exposure to light, in particular uv and bright sunlight which will degrade light coloured sheets.

Metals: Avoid contact with copper and copper containing alloys which stain light coloured sheets brown.

Oils and solvents: Avoid contact with oils, solvents and greases, which will destroy polyisoprene rubber.

Fire: 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 – 0.50mm

+/- 10% Tolerance

Width

0.92m

2m maximum

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: 23rd March 2009

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