

FOUR D RUBBER COMPANY LIMITED

PRODUCT SAFETY DATA SHEET

SAFE USE, HANDLING AND STORAGE OF POLYISOPRENE
SYNTHETIC RUBBER SHEETING

COMPOSITION: Synthetic polyisoprene latex rubber plus essential processing chemicals and pigments.

HEALTH HAZARD: 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.

FIRE HAZARD: 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.

STORAGE AND USE:

<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 perish the 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.