

March 2005



Properties, Hazards and Safety Information for HDI*

Product: HDI (Hexamethylene-1,6-diisocyanate; CAS No. 822-06-0)

Exposure controls/Personal protection equipment

General	Workers with a hypersensitivity of the respiratory tract and/or the skin (e.g. asthmatics or those suffering from chronic bronchitis or chronic skin complaint) should not be exposed to this chemical.
OELs	In many countries occupational exposure limits for HDI have been set up. These can be found under →OELs HDI (see website under Links – Regulatory Information)
Respiratory protection	Respiratory protection is required in insufficiently ventilated work areas and during spraying. An air-fed mask, or for short periods of work, a combination of charcoal filter and particulate filter is recommended.
Hand protection	Chemical resistant protective gloves should be worn, e.g. <ul style="list-style-type: none"> - butyl rubber with a thickness ≥ 0.5 mm (breakthrough time ≥ 480 min) - fluorinated rubber with a thickness ≥ 0.4 mm (breakthrough time ≥ 480 min) Contaminated gloves should be disposed of.
Body protection	Body protection should be chosen based on activity and possible exposure, e.g. apron, protecting boots, chemical-protection suit.
Eye protection	Face protection/close-fitting protective goggles should be worn.

*More detailed information should be taken from the suppliers' Material Safety Data Sheets