

TDI Classification and Labelling requirements

CLASSIFICATION AND LABELLING ACCORDING TO REGULATION (EC) No 1272/2008 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 16 December 2008 on classification, labelling and packaging of substances and mixtures, as amended up to third Adaptation to Technical Progress COMMISSION REGULATION (EU) No 618/2012

Toluene-2,4-di-isocyanate (4-methyl-m-phenylene diisocyanate)

CAS: 584-84-9

EC: 209-544-5

m-Tolyldiene diisocyanate (Toluene-2,4 / 2,6-diisocyanate mixture)

CAS: 26471-62-5

EC: 247-722-4

Signal word

Danger

Labelling

GHS06: skull and cross-bones



GHS08: health hazard



Hazard statements:

H330 Fatal if inhaled.

H315 Causes skin irritation.

H319 Causes serious eye irritation.

H334 May cause allergy or asthma symptoms or breathing difficulties if inhaled.

H317 May cause an allergic skin reaction.

H351 Suspected of causing cancer.

H335 May cause respiratory irritation.

H412 Harmful to aquatic life with long lasting effects.

Precautionary statements:

P273 Avoid release to the environment

P280 Wear protective gloves/ protective clothing/ eye protection/ face protection

P284 Wear respiratory protection

P308 + P313 If exposed or concerned: Get medical advice/attention

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| | <p>P403+P233 Store in well-ventilated place. Keep container tightly closed P501 Dispose of contents/container to hazardous or special waste collection point</p> <p><u>Additional labelling requirements (CLP supplemental hazard statement) :</u> EUH204: Contains isocyanates. May produce an allergic reaction.</p> |
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Specific concentration limits


C > 0.1% => Resp. sens. 1 H334

CLASSIFICATION AND LABELLING ACCORDING TO COUNCIL DIRECTIVE 67/548/EEC 31st ADAPATION

Indication of danger:

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|---------------|
| T+ Very toxic |
|---------------|

Labelling

| | |
|---|---|
|  | <p><u>R-phrases:</u></p> <p>R40 - Limited evidence of a carcinogenic effect R26 - Very toxic by inhalation R36/37/38 - Irritating to eyes, respiratory system and skin R42/43 - May cause sensitisation by inhalation and skin contact R52/53 - Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment</p> <p><u>S-phrases:</u></p> <p>S1/2 - keep locked up and out of reach of children S23 - do not breathe gas/fumes/vapour/spray (appropriate wording to be specified by the manufacturer) S36/37 - wear suitable protective clothing and gloves S45 - in case of accident or if you feel unwell, seek medical advice immediately (show the label where possible) S61 - avoid release to the environment. refer to special instructions/safety data sheets</p> |
|---|---|

Concentrations

| | |
|----------------------|---------------------------------|
| $C \geq 25\%$ | T+; R26-36/37/38-40-42/43-52/53 |
| $C \geq 20\%$ | T+; R26-36/37/38-40-42/43 |
| $7\% \leq C < 20\%$ | T+; R26-40-42/43 |
| $1\% \leq C < 7\%$ | T; R23-40-42/43 |
| $0.1\% \leq C < 1\%$ | Xn; R20-42 |

Revised April 2013

Further information

If you have questions or would like further information, please contact the ISOPA secretariat.



European Diisocyanate and Polyol Producers Association

Avenue E. van Nieuwenhuyse Laan 4,
1160 Brussels
Belgium

Tel: +32 2 676 7475

Fax: +32 2 676 7479

Email: main@isopa.org

Website: www.isopa.org

ISOPA is an affiliated organisation within the European Chemical Industry Council (Cefic)

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