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SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1 Product identifier

Trade name

: Sikafloor[®] TC 681 Part B

1.2 Relevant identified uses of the substance or mixture and uses advised against

Product use : Flooring system

1.3 Details of the supplier of the safety data sheet

| Company name of supplier | : | Sika Nederland B.V. |
|--------------------------|---|---------------------|
| | | Zonnebaan 56 |
| | | 3542 EG Utrecht |
| | | Nederland |
| Telephone | : | +31-30-2410120 |
| Telefax | : | +31-30-2414482 |
| E-mail address of person | : | EHS@nl.sika.com |
| responsible for the SDS | | |

1.4 Emergency telephone number

+31-57-0854201

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Classification (REGULATION (EC) No 1272/2008)

| Flammable liquids, Category 3 | H226: Flammable liquid and vapour. |
|---|---|
| Acute toxicity, Category 4 | H332: Harmful if inhaled. |
| Skin irritation, Category 2 | H315: Causes skin irritation. |
| Eye irritation, Category 2 | H319: Causes serious eye irritation. |
| Skin sensitisation, Category 1 | H317: May cause an allergic skin reaction. |
| Specific target organ toxicity - single ex- posure, Category 3, Respiratory system | H335: May cause respiratory irritation. |
| Specific target organ toxicity - repeated exposure, Category 2, hearing organs | H373: May cause damage to organs through pro- longed or repeated exposure. |

2.2 Label elements

Labelling (REGULATION (EC) No 1272/2008)

according to Regulation (EC) No. 1907/2006, as amended by Commission Regulation (EU) 2020/878

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Revision Date: 13.02.2025 Version 1.0 Print Date 14.02.2025 Date of last issue: -Hazard pictograms Signal word Warning 1 Flammable liquid and vapour. Hazard statements H226 Causes skin irritation. H315 H317 May cause an allergic skin reaction. H319 Causes serious eye irritation. Harmful if inhaled. H332 H335 May cause respiratory irritation. May cause damage to organs (hearing organs) H373 through prolonged or repeated exposure. Prevention: Precautionary statements P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smokina. P260 Do not breathe mist or vapours. P264 Wash skin thoroughly after handling. P280 Wear protective gloves/ protective clothing/ eye protection/ face protection. **Response:** P303 + P361 + P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water. P370 + P378 In case of fire: Use dry sand, dry chemical or alcohol-resistant foam to extinguish.

Hazardous components which must be listed on the label:

hexamethylenediisocyanate homopolymer Aliphatic prepolymer polyether based reaction mass of ethylbenzene and xylene HDI oligomers, isocyanurate Hexamethylene diisocyanate, oligomers

Additional Labelling

"As from 24 August 2023 adequate training is required before industrial or professional use."

2.3 Other hazards

This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

Ecological information: The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.



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Toxicological information: The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

SECTION 3: Composition/information on ingredients

3.2 Mixtures

| Chemical name | CAS-No. | Classification | Concentration |
|---------------------------------------|---------------------|----------------------|---------------------------------------|
| | EC-No. | | (% w/w) |
| | Registration number | | , , , , , , , , , , , , , , , , , , , |
| hexamethylenediisocyanate ho- | Not Assigned | Acute Tox. 4; H332 | >= 40 - < 60 |
| mopolymer | 939-549-4 | Skin Irrit. 2; H315 | |
| Contains: | 01-2119980939-13- | Skin Sens. 1; H317 | |
| hexamethylene-di-isocyanate <= | XXXX | STOT SE 3; H335 | |
| 0,099 % | | (Respiratory system) | |
| Aliphatic prepolymer polyether | 3068385-68-9 | Acute Tox. 4; H332 | >= 25 - < 40 |
| based | Not Assigned | Skin Sens. 1; H317 | |
| Contains: | | STOT SE 3; H335 | |
| HDI oligomers, isocyanurate <= 7,7 % | | (Respiratory system) | |
| hexamethylenediisocyanate ho- | | | |
| mopolymer <= 7,7 % | | | |
| hexamethylene-di-isocyanate <= | | | |
| 0,099 % | | | |
| hexamethylene-di-isocyanate <= 0,09 % | | | |
| reaction mass of ethylbenzene | Not Assigned | Flam. Liq. 3; H226 | >= 10 - < 20 |
| and xylene | 905-588-0 | Acute Tox. 4; H332 | |
| | 01-2119488216-32- | Acute Tox. 4; H312 | |
| | XXXX | Skin Irrit. 2; H315 | |
| | | Eye Irrit. 2; H319 | |
| | | STOT SE 3; H335 | |
| | | (Respiratory system) | |
| | | STOT RE 2; H373 | |
| | | (hearing organs) | |
| | | Asp. Tox. 1; H304 | |
| | | Aquatic Chronic 3; | |
| | | H412 | |

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| HDI oligomers, isocyanurate Contains: hexamethylene-di-isocyanate <= 0,09 % | 28182-81-2 Not Assigned 01-2119485796-17- XXXX | Acute Tox. 4; H332 Skin Sens. 1; H317 STOT SE 3; H335 (Respiratory system) | >= 5 - < 10 |
|--|---|---|--------------|
| | | Acute toxicity esti- mate | |
| | | Acute inhalation tox- icity (dust/mist): 1,5 mg/l | |
| Hexamethylene diisocyanate, oligomers Contains: hexamethylene-di-isocyanate <= 0,3 % | 28182-81-2 931-288-4 500-060-2 01-2119488177-26- XXXX | Acute Tox. 3; H331 Skin Sens. 1; H317 STOT SE 3; H335 (Respiratory system) | >= 1 - < 2,5 |
| | | Acute toxicity esti- mate | |
| | | Acute inhalation tox- icity (dust/mist): 0,5001 mg/l | |

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For explanation of abbreviations see section 16.

SECTION 4: First aid measures

4.1 Description of first aid measures

| General advice | : | Move out of dangerous area. Consult a physician. Show this safety data sheet to the doctor in attendance. |
|-------------------------|---|---|
| If inhaled | : | Move to fresh air. Consult a physician after significant exposure. |
| In case of skin contact | : | Take off contaminated clothing and shoes immediately. Wash off with soap and plenty of water. If symptoms persist, call a physician. |
| In case of eye contact | : | Immediately flush eye(s) with plenty of water. Remove contact lenses. Keep eye wide open while rinsing. If eye irritation persists, consult a specialist. |
| If swallowed | : | Do not induce vomiting without medical advice. Rinse mouth with water. Do not give milk or alcoholic beverages. Never give anything by mouth to an unconscious person. |

4.2 Most important symptoms and effects, both acute and delayed

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| Symptoms : | Cough Respiratory disorder Allergic reactions Excessive lachrymation Erythema Headache Dermatitis See Section 11 for more detailed information on P and symptoms. | health effects |
| Risks : | Causes skin irritation. May cause an allergic skin reaction. Causes serious eye irritation. Harmful if inhaled. May cause respiratory irritation. May cause damage to organs through prolonged exposure. irritant effects sensitising effects | or repeated |

4.3 Indication of any immediate medical attention and special treatment needed

| | • | | • |
|-----------|---|---|------------------------|
| Treatment | | : | Treat symptomatically. |

SECTION 5: Firefighting measures

| 5.1 Extinguishing media | | |
|---|-----|--|
| Suitable extinguishing media | : | Alcohol-resistant foam Carbon dioxide (CO2) Dry chemical |
| Unsuitable extinguishing media | : | Water High volume water jet |
| 5.2 Special hazards arising from | the | e substance or mixture |
| Specific hazards during fire- fighting | : | Do not use a solid water stream as it may scatter and spread fire. |
| Hazardous combustion prod- ucts | : | No hazardous combustion products are known |
| 5.3 Advice for firefighters | | |
| Special protective equipment for firefighters | : | In the event of fire, wear self-contained breathing apparatus. |
| Further information | : | Use water spray to cool unopened containers. |



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SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

| Personal precautions | : | Use personal protective equipment. Remove all sources of ignition. Deny access to unprotected persons. Beware of vapours accumulating to form explosive concentra- tions. Vapours can accumulate in low areas. |
|-------------------------------|---|--|
| 6.2 Environmental precautions | | |
| Environmental precautions | : | Prevent product from entering drains. If the product contaminates rivers and lakes or drains inform respective authorities. |

6.3 Methods and material for containment and cleaning up

| Methods for cleaning up | : | Contain spillage, and then collect with non-combustible ab- |
|-------------------------|---|--|
| | | sorbent material, (e.g. sand, earth, diatomaceous earth, ver- |
| | | miculite) and place in container for disposal according to local |
| | | / national regulations (see section 13). |

6.4 Reference to other sections

For personal protection see section 8.

SECTION 7: Handling and storage

7.1 Precautions for safe handling

| Advice on safe handling | Avoid exceeding the given occupational exposure limits (see section 8). Do not get in eyes, on skin, or on clothing. For personal protection see section 8. Persons with a history of skin sensitisation problems or asthma, allergies, chronic or recurrent respiratory disease should not be employed in any process in which this mixture is being used. Smoking, eating and drinking should be prohibited in the application area. Take precautionary measures against static discharge. Provide sufficient air exchange and/or exhaust in work rooms. Open drum carefully as content may be under pressure. Take necessary action to avoid static electricity discharge (which might cause ignition of organic vapours). Follow standard hygiene measures when handling chemical products |
|-------------------------|---|
| | |

| Advice on protection against | : | Use explosion-proof equipment. Keep away from heat/ sparks/ |
|------------------------------|---|---|
| fire and explosion | | open flames/ hot surfaces. No smoking. Take precautionary |

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| | | measures against electrostatic discharges. | |
| Hygiene measures | : | Handle in accordance with good industrial hygier practice. When using do not eat or drink. When u smoke. Wash hands before breaks and at the end | using do not |
| 7.2 Conditions for safe storage, i | nc | luding any incompatibilities | |
| Requirements for storage areas and containers | : | Keep container tightly closed in a dry and well-ve place. Containers which are opened must be car sealed and kept upright to prevent leakage. Store ance with local regulations. | efully re- |
| Further information on stor- age stability | : | No decomposition if stored and applied as directed | əd. |
| 7.3 Specific end use(s) | | | |
| Specific use(s) | : | Consult most current local Product Data Sheet p use. | rior to any |

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

Occupational Exposure Limits

| Components | CAS-No. | Value type (Form of exposure) | Control parame- ters * | Basis * |
|---|------------------------------------|--------------------------------------|---------------------------|---------------|
| reaction mass of ethylbenzene and xy- lene | Not Assigned | TWA | 50 ppm 221 mg/m3 | 2000/39/EC |
| | Further informative through the sk | ation: Identifies the in, Indicative | possibility of signi | ficant uptake |
| | | STEL | 100 ppm 442 mg/m3 | 2000/39/EC |
| | | TLV-8hr | 47,5 ppm 210 mg/m3 | NL WG |
| | Further inform | ation: Skin notation | | |
| | | TLV-15 min | 100 ppm 442 mg/m3 | NL WG |

*The above mentioned values are in accordance with the legislation in effect at the date of the release of this safety data sheet.

8.2 Exposure controls

Engineering measures

Maintain air concentrations below occupational exposure standards. Ensure adequate ventilation, especially in confined areas.

:

Personal protective equipment

Eye/face protection

Safety glasses with side-shields conforming to EN166 Eye wash bottle with pure water

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|--|--|---|
| Hand protection | Chemical-resistant, impervious gloves coproved standard must be worn at all time chemical products. Reference number El facturer specifications. Suitable for short time use or protection a Butyl rubber/nitrile rubber gloves (> 0,1 m Contaminated gloves should be removed Suitable for permanent exposure: Viton gloves (0.4 mm), breakthrough time >30 min. | s when handling N 374. Follow manu- against splashes: nm) |
| Skin and body protection | : Protective clothing (e.g. Safety shoes acc long-sleeved working clothing, long trous and protective boots are additionaly reco and stirring work. | ers). Rubber aprons |
| Respiratory protection | In case of inadequate ventilation wear real Respirator selection must be based on kn exposure levels, the hazards of the produing limits of the selected respirator. organic vapor filter (Type A) A1: < 1000 ppm; A2: < 5000 ppm; A3: < 1000 ppm; A2: < 1000 ppm; A3: < 1000 ppm; A3: < 1000 ppm; A3: < 1000 ppm; A2: < 5000 ppm; A3: < 1000 ppm; A | 10000 ppm e achieved by local on. (EN 689 - Meth- . This applies in par- e this is not sufficent supational exposure es must be used. |
| Environmental exposure co | ntrols | |
| General advice | : Prevent product from entering drains. If the product contaminates rivers and lak | kes or drains inform |

respective authorities.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

| Physical state Colour | : | liquid colourless |
|--|---|----------------------|
| Odour | : | characteristic |
| Melting point/ range / Freez- ing point | : | No data available |
| Boiling point/boiling range | : | > 100 °C |

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|---|---|---|-----------------------|
| Flammability (solid, gas) | : | No data available | |
| Upper/lower flammability or Upper explosion limit / Up- per flammability limit | | | |
| Lower explosion limit / Lower flammability limit | : | 1 %(V) | |
| Flash point | : | ca. 47 °C Method: closed cup | |
| Auto-ignition temperature | : | 465 °C | |
| Decomposition temperature | : | No data available | |
| рН | : | Not applicable substance/mixture is non-soluble (in water) | |
| Viscosity Viscosity, kinematic | : | > 20,5 mm2/s (40 °C) | |
| Solubility(ies) Water solubility | : | insoluble | |
| Partition coefficient: n- octanol/water | : | No data available | |
| Vapour pressure | : | 7,9993 hPa | |
| Density | : | ca. 1,07 g/cm3 (23 °C) | |
| Relative vapour density | : | No data available | |
| Particle characteristics | : | No data available | |
| 9.2 Other information | | | |
| Explosives | : | Not explosive | |
| Metal corrosion rate | : | Not corrosive to metals | |



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SECTION 10: Stability and reactivity

10.1 Reactivity

No dangerous reaction known under conditions of normal use.

10.2 Chemical stability

The product is chemically stable.

10.3 Possibility of hazardous reactions

| Hazardous reactions | : | Stable under recommended storage conditions. |
|--|---|--|
| | | Vapours may form explosive mixture with air. |
| 10.4 Conditions to avoid Conditions to avoid | : | Heat, flames and sparks. |
| 10.5 Incompatible materials Materials to avoid | : | No data available |
| | | (- |

10.6 Hazardous decomposition products

No hazardous decomposition products are known.

SECTION 11: Toxicological information

11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008

| Acute toxicity Harmful if inhaled. | | |
|--|--|--|
| Components: | | |
| hexamethylenediisocyana | ate homopolymer: | |
| Acute oral toxicity | : LD50 Oral (Rat): > 2.001 mg/kg | |
| reaction mass of ethylber Acute oral toxicity | zene and xylene: : LD50 Oral (Rat): 3.523 mg/kg | |
| HDI oligomers, isocyanur | ate: | |
| Acute oral toxicity | : LD50 Oral (Rat): > 2.500 mg/kg | |
| Acute inhalation toxicity | : LC50: 1,5 mg/l | |

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Revision Date: 13.02.2025 Version 1.0 Print Date 14.02.2025 Date of last issue: -Exposure time: 4 h Test atmosphere: dust/mist Method: Expert judgement Acute toxicity estimate: 1,5 mg/l Test atmosphere: dust/mist Method: Calculation method Acute dermal toxicity LD50 Dermal (Rat): > 2.000 mg/kg Hexamethylene diisocyanate, oligomers: Acute oral toxicity : LD50 Oral (Rat): > 5.665 mg/kg Acute inhalation toxicity : LC50: > 0,5 mg/l Exposure time: 4 h Test atmosphere: dust/mist Method: Expert judgement Acute toxicity estimate: 0,5001 mg/l Test atmosphere: dust/mist Method: ATE value derived from LD50/LC50 value Skin corrosion/irritation Causes skin irritation. Serious eye damage/eye irritation Causes serious eye irritation. Respiratory or skin sensitisation Skin sensitisation May cause an allergic skin reaction. **Respiratory sensitisation** Not classified due to lack of data. Germ cell mutagenicity Not classified due to lack of data. Carcinogenicity Not classified due to lack of data. **Reproductive toxicity** Not classified due to lack of data. STOT - single exposure May cause respiratory irritation. **STOT - repeated exposure** May cause damage to organs (hearing organs) through prolonged or repeated exposure. Aspiration toxicity Not classified due to lack of data.



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11.2 Information on other hazards

Endocrine disrupting properties

Not classified due to lack of data.

Product:

Assessment

: The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

SECTION 12: Ecological information

12.1 Toxicity

Components:

reaction mass of ethylbenzene and xylene:

| Toxicity to fish (Chronic tox- icity) | : | NOEC: > 1,3 mg/l Exposure time: 56 d Species: Oncorhynchus mykiss (rainbow trout) |
|---|------|---|
| Toxicity to daphnia and other aquatic invertebrates (Chron- ic toxicity) | : | NOEC: 1,17 mg/l Exposure time: 7 d Species: Daphnia (water flea) |
| HDI oligomers, isocyanurate | e: | |
| Toxicity to daphnia and other aquatic invertebrates | : | EC50 (Daphnia (water flea)): > 100 mg/l Exposure time: 48 h |
| Hexamethylene diisocyanat | e, c | ligomers: |
| Toxicity to daphnia and other aquatic invertebrates | : | EC50 (Daphnia magna (Water flea)): > 100 mg/l Exposure time: 48 h |
| Toxicity to algae/aquatic plants | : | EC50 (Scenedesmus quadricauda (Green algae)): > 50 - 100 mg/l Exposure time: 72 h |
| 12.2 Persistence and degradabili | ity | |
| No data available | | |

No data available

12.3 Bioaccumulative potential

No data available

12.4 Mobility in soil

No data available



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12.5 Results of PBT and vPvB assessment

Product:

Assessment

: This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher..

12.6 Endocrine disrupting properties

| Product: |
|----------|
|----------|

Assessment

: The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

12.7 Other adverse effects

| Product: | | |
|--|---|--|
| Additional ecological infor- mation | : | There is no data available for this product. |

SECTION 13: Disposal considerations

13.1 Waste treatment methods

| Product |
|---------|
|---------|

| t : | The generation of waste should be avoided or minimized wherever possible. Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe way. Dispose of surplus and non-recyclable products via a licensed |
|-----|---|
| | waste disposal contractor. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. |

SECTION 14: Transport information

14.1 UN number or ID number

| ADR | : | UN 1263 |
|------|---|---------|
| IMDG | : | UN 1263 |

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| | | | | |
| ΙΑΤΑ | : | UN 1263 | | |
| 14.2 UN proper shipping name | | | | |
| ADR | : | PAINT | | |
| IMDG | : | PAINT | | |
| ΙΑΤΑ | : | Paint | | |
| 14.3 Transport hazard class(es) | | | | |
| | | Class | Subsidiary risks | |
| ADR | • | 3 | | |
| IMDG | | | | |
| IATA | • | 3 | | |
| 14.4 Packing group | • | 0 | | |
| | | | | |
| ADR Packing group Classification Code Hazard Identification Number Labels Tunnel restriction code | : | III F1 30 3 (D/E) | | |
| IMDG Packing group Labels EmS Code | : | III 3 F-E, <u>S-E</u> | | |
| IATA (Cargo) Packing instruction (cargo aircraft) Packing instruction (LQ) Packing group | : | 366 Y344 III | | |
| Labels | ÷ | Flammable Liquids | | |
| IATA (Passenger) Packing instruction (passen- ger aircraft) | : | 355 | | |
| Packing instruction (LQ) Packing group Labels | : | Y344 III Flammable Liquids | | |
| 14.5 Environmental hazards | | | | |
| ADR Environmentally hazardous | : | no | | |
| IMDG Marine pollutant | : | no | | |
| IATA (Passenger) Environmentally hazardous | : | no | | |
| IATA (Cargo) | | | | |



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Environmentally hazardous : no

14.6 Special precautions for user

The transport classification(s) provided herein are for informational purposes only, and solely based upon the properties of the unpackaged material as it is described within this Safety Data Sheet. Transportation classifications may vary by mode of transportation, package sizes, and variations in regional or country regulations.

14.7 Maritime transport in bulk according to IMO instruments

Not applicable for product as supplied.

SECTION 15: Regulatory information

| 15.1 Safety, health and environmental regulations/legis | lation | specific for the substance or mixture |
|---|--------|---------------------------------------|
| International Chemical Weapons Convention (CWC) | : | Not applicable |
| Schedules of Toxic Chemicals and Precursors | | |

REACH Information: All substances contained in our Products are - registered by our upstream suppliers, and/or - registered by us, and/or - excluded from the regulation, and/or - exempted from the registration.

| REACH - Restrictions on the manufacture, placing on the market and use of certain dangerous substances, mixtures and articles (Annex XVII) | : | Conditions of restriction for the fol- lowing entries should be considered: Number on list 3 |
|--|---|--|
| | | Number on list 75 Banned and/or restricted |
| REACH - Candidate List of Substances of Very High Concern for Authorisation (Article 59). | : | None of the components are listed (=> 0.1 %). |
| REACH - List of substances subject to authorisation (Annex XIV) | : | Not applicable |
| Regulation (EU) No 2024/590 on substances that deplete the ozone layer | : | Not applicable |
| Regulation (EU) 2019/1021 on persistent organic pollu- tants (recast) | : | Not applicable |
| Regulation (EU) No 649/2012 of the European Parlia- | : | Not applicable |



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ment and the Council concerning the export and import of dangerous chemicals

Seveso III: Directive 2012/18/EU of the European Parliament and of the Council on the control of major-accident hazards involving dangerous substances. P5c FLAMMABLE LIQUIDS

| Volatile organic compounds | | Law on the incentive tax for volatile organic compounds (VOCV) Volatile organic compounds (VOC) content: 15% w/w |
|----------------------------|--|--|
| | | Directive 2010/75/EU of 24 November 2010 on industrial and livestock rearing emissions (integrated pollution prevention and control) Volatile organic compounds (VOC) content: 15,14% w/w |

Other regulations:

Take note of Directive 92/85/EEC regarding maternity protection or stricter national regulations, where applicable.

Contains a substance which is subject to the SZW-list of reproductive toxic substances (Ministry of Social Affairs and Employment).

reaction mass of ethylbenzene and xylene

15.2 Chemical safety assessment

No Chemical Safety Assessment has been carried out for this mixture by the supplier.

SECTION 16: Other information

Full text of H-Statements

| H226 H304 H312 H315 H317 H319 H331 H332 H335 H373 | | Flammable liquid and vapour. May be fatal if swallowed and enters airways. Harmful in contact with skin. Causes skin irritation. May cause an allergic skin reaction. Causes serious eye irritation. Toxic if inhaled. Harmful if inhaled. May cause respiratory irritation. May cause damage to organs through prolonged or repeated exposure if inhaled. | | |
|--|---|--|--|--|
| H412 | : | exposure if inhaled. Harmful to aquatic life with long lasting effects. | | |
| Full text of other abbreviations | | | | |
| Acute Tox. Aquatic Chronic | : | Acute toxicity Long-term (chronic) aquatic hazard | | |

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| Eye Irrit. | Eye irritation |
|--------------------|---|
| Flam. Liq. | : Flammable liquids |
| Skin Irrit. | : Skin irritation |
| Skin Sens. | : Skin sensitisation |
| STOT RE | : Specific target organ toxicity - repeated exposure |
| STOT SE | : Specific target organ toxicity - single exposure |
| 2000/39/EC | : Europe. Commission Directive 2000/39/EC establishing a first list of indicative occupational exposure limit values |
| NL WG | : Netherlands. Law on Labour conditions - Occupational Expo- sure Limits |
| 2000/39/EC / TWA | : Limit Value - eight hours |
| 2000/39/EC / STEL | : Short term exposure limit |
| NL WG / TLV-8hr | : Time Weighted Average |
| NL WG / TLV-15 min | : Short Term Exposure Limit |
| ADR | : European Agreement concerning the International Carriage of |
| | Dangerous Goods by Road |
| CAS | : Chemical Abstracts Service |
| DNEL | : Derived no-effect level |
| EC50 | : Half maximal effective concentration |
| GHS | : Globally Harmonized System |
| ΙΑΤΑ | : International Air Transport Association |
| IMDG | : International Maritime Code for Dangerous Goods |
| LD50 | : Median lethal dosis (the amount of a material, given all at |
| | once, which causes the death of 50% (one half) of a group of |
| | test animals) |
| LC50 | : Median lethal concentration (concentrations of the chemical in |
| | air that kills 50% of the test animals during the observation |
| | period) |
| MARPOL | : International Convention for the Prevention of Pollution from |
| | Ships, 1973 as modified by the Protocol of 1978 |
| OEL | : Occupational Exposure Limit |
| PBT | : Persistent, bioaccumulative and toxic |
| PNEC | : Predicted no effect concentration |
| REACH | : Regulation (EC) No 1907/2006 of the European Parliament |
| | and of the Council of 18 December 2006 concerning the Reg- |
| | istration, Evaluation, Authorisation and Restriction of Chemi- |
| | cals (REACH), establishing a European Chemicals Agency |
| SVHC | : Substances of Very High Concern |
| vPvB | : Very persistent and very bioaccumulative |
| | |

Further information

| Classification of | the mixture: | Classification procedure: |
|-------------------|--------------|-------------------------------------|
| Flam. Liq. 3 | H226 | Based on product data or assessment |
| Acute Tox. 4 | H332 | Calculation method |
| Skin Irrit. 2 | H315 | Calculation method |
| Eye Irrit. 2 | H319 | Calculation method |
| Skin Sens. 1 | H317 | Calculation method |



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|--|------|--------------------|-----------------------|
| STOT SE 3 | H335 | Calculation method | |
| STOT RE 2 | H373 | Calculation method | |

The information contained in this Safety Data Sheet corresponds to our level of knowledge at the time of publication. All warranties are excluded. Our most current General Sales Conditions shall apply. Please consult the product data sheet prior to any use and processing.

Changes as compared to previous version !

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