

Safety data sheet

according to 1907/2006/EC, Article 31

Printing date 26.10.2020

Version number 4

Revision: 26.10.2020

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

- 1.1 Product identifier

- Trade name: **COETRANS Balcony Coating natural**

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

Identified use: intended for professional use only!
Coating

- Application of the substance / the mixture

- 1.3 Details of the supplier of the safety data sheet

- Manufacturer/Supplier: KEMPER SYSTEM GmbH & Co. KG
Holländische Strasse 32-36
34246 Vellmar
Deutschland / Germany
Telefon: +49 (0)561 / 8295-0
Telefax: +49 (0)561 / 8295-5110
E-Mail: MSDS@KEMPER-SYSTEM.COM

- Further information obtainable from:

research & development
Giftinformationszentrum der Länder Rheinland-Pfalz und Hessen
Langenbeckstraße 1; Gebäude 601; 55131 Mainz
Tel. Nr.: +49 (0)6131 / 19 24 0
Universitätsmedizin der Johannes Gutenberg-Universität Mainz

- 1.4 Emergency telephone number:

SECTION 2: Hazards identification

- 2.1 Classification of the substance or mixture

- Classification according to Regulation (EC) No 1272/2008

Flam. Liq. 3 H226 Flammable liquid and vapour.
Acute Tox. 4 H332 Harmful if inhaled.
Skin Sens. 1 H317 May cause an allergic skin reaction.
Aquatic Chronic 2 H411 Toxic to aquatic life with long lasting effects.

- 2.2 Label elements

- Labelling according to Regulation (EC) No 1272/2008

The product is classified and labelled according to the CLP regulation.

- Hazard pictograms



GHS02 GHS07 GHS09

- Signal word

Warning

- Hazard-determining components of labelling:

Urethane bis Oxazolidine
xylene
Isophorondiisocyanate homopolymer
3-isocyanatomethyl-3,5,5-trimethylcyclohexyl isocyanate
hexahydromethylphthalic anhydride
benzotriazole derivatives

- Hazard statements

H226 Flammable liquid and vapour.
H332 Harmful if inhaled.
H317 May cause an allergic skin reaction.
H411 Toxic to aquatic life with long lasting effects.

- Precautionary statements

P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P241 Use explosion-proof [electrical/ventilating/lighting] equipment.
P261 Avoid breathing dust/fume/gas/mist/vapours/spray.
P280 Wear protective gloves/protective clothing/eye protection/face protection.
P303+P361+P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower].
P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

- Additional information:

EUH204 Contains isocyanates. May produce an allergic reaction.

- 2.3 Other hazards

- Results of PBT and vPvB assessment

- PBT: Not applicable.

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- vPvB: Not applicable.

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SECTION 3: Composition/information on ingredients

- 3.2 Chemical characterisation: Mixtures

- **Description:** Mixture: consisting of the following components.

- Dangerous components:

| | | |
|---|---|----------|
| CAS: 64742-95-6 EINECS: 265-199-0 Index number: 649-356-00-4 Reg.nr.: 01-2119455851-35 | Solvent naphtha (petroleum), light arom. Flam. Liq. 3, H226; Asp. Tox. 1, H304; Aquatic Chronic 2, H411; STOT SE 3, H335-H336 | 12.5-25% |
| CAS: 7727-43-7 EINECS: 231-784-4 Reg.nr.: 01-2119491274-35 | barium sulphate, natural substance with a Community workplace exposure limit | 12.5-25% |
| CAS: 59719-67-4 EINECS: 261-879-6 Reg.nr.: 01-2119983487-19 | Urethane bis Oxazolidine Aquatic Chronic 2, H411; Eye Irrit. 2, H319; Skin Sens. 1, H317 | 2.5-10% |
| CAS: 53880-05-0 EC number: 931-312-3 Reg.nr.: 01-2119488734-24 | Isophorondiisocyanate homopolymer Skin Sens. 1, H317; STOT SE 3, H335 | 2.5-10% |
| EC number: 918-668-5 Reg.nr.: 01-2119455851-35 | hydrocarbons, C9, aromatic Flam. Liq. 3, H226; Asp. Tox. 1, H304; Aquatic Chronic 2, H411; STOT SE 3, H335-H336 | 0.5-2.5% |
| CAS: 1330-20-7 EINECS: 215-535-7 Index number: 601-022-00-9 Reg.nr.: 01-2119488216-32 | xylene Flam. Liq. 3, H226; STOT RE 2, H373; Asp. Tox. 1, H304; Acute Tox. 4, H312; Acute Tox. 4, H332; Skin Irrit. 2, H315; Eye Irrit. 2, H319; STOT SE 3, H335 | 0.5-2.5% |
| CAS: 25550-51-0 EINECS: 247-094-1 Index number: 607-241-00-6 Reg.nr.: 01-2119845474-33 | hexahydromethylphthalic anhydride Resp. Sens. 1, H334; Eye Dam. 1, H318; Skin Sens. 1, H317 | <0.5% |
| CAS: 4098-71-9 EINECS: 223-861-6 Index number: 615-008-00-5 Reg.nr.: 01-2119490408-31 | 3-isocyanatomethyl-3,5,5-trimethylcyclohexyl isocyanate Acute Tox. 1, H330; Resp. Sens. 1, H334; Aquatic Chronic 2, H411; Skin Irrit. 2, H315; Eye Irrit. 2, H319; Skin Sens. 1, H317; STOT SE 3, H335 | <0.5% |
| ELINCS: 400-830-7 Index number: 607-176-00-3 Reg.nr.: 01-0000015075-76 | benzotriazole derivatives Aquatic Chronic 2, H411; Skin Sens. 1, H317 | <0.5% |

- SVHC

25550-51-0 | hexahydromethylphthalic anhydride

- **Additional information:** For the wording of the listed hazard phrases refer to section 16.

SECTION 4: First aid measures

- 4.1 Description of first aid measures

- General information:

Symptoms of poisoning may even occur after several hours; therefore medical observation for at least 48 hours after the accident.

Immediately remove any clothing soiled by the product.

Do not leave affected persons unattended.

Personal protection for the First Aider.

Take affected persons out of danger area and lay down.

- After inhalation:

In case of unconsciousness place patient stably in side position for transportation.

Supply fresh air; consult doctor in case of complaints.

- After skin contact:

Immediately wash with water and soap and rinse thoroughly.

Seek medical treatment in case of complaints.

- After eye contact:

Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.

Protect unharmed eye.

- After swallowing:

If symptoms persist consult doctor.

- 4.2 Most important symptoms and effects, both acute and delayed

No further relevant information available.

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- 4.3 Indication of any immediate medical attention and special treatment needed
- No further relevant information available.

SECTION 5: Firefighting measures

- 5.1 Extinguishing media
- Suitable extinguishing agents: CO₂, powder or water spray. Fight larger fires with water spray or alcohol resistant foam. Use fire extinguishing methods suitable to surrounding conditions.
- For safety reasons unsuitable extinguishing agents: Water with full jet
- 5.2 Special hazards arising from the substance or mixture: Formation of toxic gases is possible during heating or in case of fire.
- 5.3 Advice for firefighters: Do not inhale explosion gases or combustion gases.
- Protective equipment: Dispose of fire debris and contaminated fire fighting water in accordance with official regulations.
- Additional information

SECTION 6: Accidental release measures

- 6.1 Personal precautions, protective equipment and emergency procedures: Wear protective equipment. Keep unprotected persons away. Ensure adequate ventilation. Keep away from ignition sources. Avoid contact with skin and eyes.
- 6.2 Environmental precautions: Inform respective authorities in case of seepage into water course or sewage system. Do not allow to enter sewers/ surface or ground water. Prevent from spreading (e.g. by damming-in or oil barriers).
- 6.3 Methods and material for containment and cleaning up: Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust). Dispose contaminated material as waste according to item 13. Do not flush with water or aqueous cleansing agents.
- 6.4 Reference to other sections: See Section 7 for information on safe handling. See Section 8 for information on personal protection equipment. See Section 13 for disposal information.

SECTION 7: Handling and storage

- 7.1 Precautions for safe handling: Store in cool, dry place in tightly closed receptacles. Ensure good ventilation/exhaustion at the workplace. Prevent formation of aerosols.
- Information about fire - and explosion protection: Keep ignition sources away - Do not smoke. Protect against electrostatic charges.
- 7.2 Conditions for safe storage, including any incompatibilities
- Storage: Store only in the original receptacle.
- Requirements to be met by storerooms and receptacles: Store away from foodstuffs.
- Information about storage in one common storage facility: Store in dry conditions. Protect from frost. Keep container tightly sealed. Recommended storage temperature: 5-30 °C
- Further information about storage conditions: 3
- Storage class: No further relevant information available.
- 7.3 Specific end use(s)

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SECTION 8: Exposure controls/personal protection

- **Additional information about design of technical facilities:** No further data; see item 7.

- 8.1 Control parameters

- **Ingredients with limit values that require monitoring at the workplace:**

7727-43-7 barium sulphate, natural

WEL Long-term value: 10* 4** mg/m³
*inhalable dust **respirable dust

1330-20-7 xylene

WEL Short-term value: 441 mg/m³, 100 ppm
Long-term value: 220 mg/m³, 50 ppm
Sk; BMGV

4098-71-9 3-isocyanatomethyl-3,5,5-trimethylcyclohexyl isocyanate

WEL Short-term value: 0.07 mg/m³
Long-term value: 0.02 mg/m³
Sen; as -NCO

- **Regulatory information** WEL: EH40/2020

- DNELs

7727-43-7 barium sulphate, natural

| | | |
|------------|--------------------------|--|
| Inhalative | Acute - systemic effects | 10 mg/m ³ (Worker) (GESTIS DNEL List (June 2018)) |
|------------|--------------------------|--|

1330-20-7 xylene

| | | |
|------------|------------------------------|---|
| Inhalative | Acute - systemic effects | 221 mg/m ³ (Worker) (GESTIS DNEL List (June 2018)) |
| | Long term - systemic effects | 221 mg/m ³ (Worker) (GESTIS DNEL List (June 2018)) |

- **Ingredients with biological limit values:**

1330-20-7 xylene

BMGV 650 mmol/mol creatinine
Medium: urine
Sampling time: post shift
Parameter: methyl hippuric acid

4098-71-9 3-isocyanatomethyl-3,5,5-trimethylcyclohexyl isocyanate

BMGV 1 µmol creatinine/mol
Medium: urine
Sampling time: At the end of the period of exposure
Parameter: isocyanate-derived diamine

- **Additional information:** The lists valid during the making were used as basis.

- 8.2 Exposure controls

- Personal protective equipment:

- **General protective and hygienic measures:** The usual precautionary measures are to be adhered to when handling chemicals.

Keep away from foodstuffs, beverages and feed.
Immediately remove all soiled and contaminated clothing
Wash hands before breaks and at the end of work.
Avoid contact with the eyes and skin.

- Respiratory protection:

When used properly and under normal conditions, breathing protection is not required.
Use suitable respiratory protective device in case of insufficient ventilation.

Filter A/P2

Respiratory protection - Gas filters and combination filters according to (DIN EN 141)

- Protection of hands:



Protective gloves

Check protective gloves prior to each use for their proper condition.
Only use chemical-protective gloves with CE-labelling of category III.
The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.
Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation
After use of gloves apply skin-cleaning agents and skin cosmetics.

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- **Material of gloves** Recommended materials:
Butyl rubber, BR
Recommended thickness of the material: ≥ 0.5 mm
Penetration time (min.): < 480
The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer.
- **Penetration time of glove material** The determined penetration times according to EN 16523-1:2015 are not performed under practical conditions. Therefore a maximum wearing time, which corresponds to 50% of the penetration time, is recommended.
- **As protection from splashes gloves made of the following materials are suitable:** Nitrile rubber, NBR
Recommended thickness of the material: ≥ 0.1 mm
Penetration time (min.): < 10
- **Eye protection:**  Tightly sealed goggles
- **Body protection:** protective clothing (EN 13034)

SECTION 9: Physical and chemical properties

- 9.1 Information on basic physical and chemical properties

- General Information

- Appearance:

| | |
|--------------------|-----------------|
| Form: | Fluid |
| Colour: | Colourless |
| - Odour: | Characteristic |
| - Odour threshold: | Not determined. |

- pH-value: Not determined.

- Change in condition

| | |
|--|---------------|
| Melting point/freezing point: | Undetermined. |
| Initial boiling point and boiling range: | Undetermined. |

- Flash point: 39 °C

- Flammability (solid, gas): Not applicable.

- Decomposition temperature: Not determined.

- Auto-ignition temperature: Product is not selfigniting.

- Explosive properties: Product is not explosive. However, formation of explosive air/vapour mixtures are possible.

- Explosion limits:

| | |
|--------|-----------------|
| Lower: | Not determined. |
| Upper: | Not determined. |

| | |
|---------------------|------------------------|
| - Density at 20 °C: | 1.03 g/cm ³ |
| - Relative density | Not determined. |
| - Vapour density | Not determined. |
| - Evaporation rate | Not determined. |

- Solubility in / Miscibility with water: Not miscible or difficult to mix.

- Partition coefficient: n-octanol/water: Not determined.

- Viscosity:

| | |
|---------------------|----------------------------------|
| Dynamic: | Not determined. |
| Kinematic at 23 °C: | 265 s (ISO 6 mm DIN EN ISO 2431) |

- Solvent content:
VOC (EC) 28.60 %

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- 9.2 Other information No further relevant information available.

SECTION 10: Stability and reactivity

- 10.1 Reactivity No further relevant information available.
- 10.2 Chemical stability No further relevant information available.
- Thermal decomposition / conditions to be avoided: No decomposition if used according to specifications.
- 10.3 Possibility of hazardous reactions No dangerous reactions known.
- 10.4 Conditions to avoid No further relevant information available.
- 10.5 Incompatible materials: No further relevant information available.
- 10.6 Hazardous decomposition products: No dangerous decomposition products known.

SECTION 11: Toxicological information

- 11.1 Information on toxicological effects
- Acute toxicity Harmful if inhaled.

- LD/LC50 values relevant for classification:

64742-95-6 Solvent naphtha (petroleum), light arom.

| | | |
|--------|------|----------------------------------|
| Oral | LD50 | >5,000 mg/kg (rat) |
| Dermal | LD50 | >3,160 mg/kg (rabbit) (OECD 402) |

7727-43-7 barium sulphate, natural

| | | |
|--------|------|---------------------|
| Oral | LD50 | >15,000 mg/kg (rat) |
| Dermal | LD50 | >2,000 mg/kg (rat) |

59719-67-4 Urethane bis Oxazolidine

| | | |
|--------|------|--------------------|
| Oral | LD50 | >5,000 mg/kg (rat) |
| Dermal | LD50 | >2,000 mg/kg (rab) |

53880-05-0 Isophorondiisocyanate homopolymer

| | | |
|------|------|--------------------------------|
| Oral | LD50 | >14,000 mg/kg (rat) (OECD 401) |
|------|------|--------------------------------|

hydrocarbons, C9, aromatic

| | | |
|--------|------|----------------------------------|
| Oral | LD50 | >3,492 mg/kg (rat) (OECD 401) |
| Dermal | LD50 | >3,160 mg/kg (rabbit) (OECD 402) |

1330-20-7 xylene

| | | |
|------------|----------|-----------------------|
| Oral | LD50 | 5,251 mg/kg (mouse) |
| | | 4,300 mg/kg (rat) |
| Dermal | LD50 | >2,000 mg/kg (rabbit) |
| Inhalative | LC50/4 h | 21.7 mg/l (rat) |

25550-51-0 hexahydromethylphthalic anhydride

| | | |
|------|------|--------------------|
| Oral | LD50 | >5,000 mg/kg (rat) |
|------|------|--------------------|

4098-71-9 3-isocyanatomethyl-3,5,5-trimethylcyclohexyl isocyanate

| | | |
|------------|----------|-----------------|
| Inhalative | LC50/4 h | 0.05 mg/l (ATE) |
|------------|----------|-----------------|

benzotriazole derivatives

| | | |
|--------|------|-------------------------------|
| Oral | LD50 | >5,000 mg/kg (rat) (OECD 401) |
| Dermal | LD50 | >2,000 mg/kg (rat) (OECD 402) |

- Primary irritant effect:
- Skin corrosion/irritation Based on available data, the classification criteria are not met.
- Serious eye damage/irritation Based on available data, the classification criteria are not met.
- Respiratory or skin sensitisation May cause an allergic skin reaction.
- CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction)
- Germ cell mutagenicity Based on available data, the classification criteria are not met.
- Carcinogenicity Based on available data, the classification criteria are not met.
- Reproductive toxicity Based on available data, the classification criteria are not met.
- STOT-single exposure Based on available data, the classification criteria are not met.
- STOT-repeated exposure Based on available data, the classification criteria are not met.

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- Aspiration hazard

Based on available data, the classification criteria are not met.

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SECTION 12: Ecological information

- 12.1 Toxicity

- Aquatic toxicity:

64742-95-6 Solvent naphtha (petroleum), light arom.

| | |
|-------|--|
| LL 50 | 9.2 mg/l (fish) (96h; OECD 203) |
| EC50 | 3.2 mg/l (Daphnia magna) (48h; OECD 202) |
| EC50 | 2.6 mg/l (Pseudokirchneriella subcapitata) (72h; OECD 201) |

7727-43-7 barium sulphate, natural

| | |
|------|--|
| EC50 | 32 mg/l (Daphnia magna) (Ba-Ion; 48 h) |
|------|--|

59719-67-4 Urethane bis Oxazolidine

| | |
|------|---|
| EC50 | 87.1 mg/l (Daphnia magna) (48h) |
| EC50 | 18.6 mg/l (Selenastrum capricornutum) (72h) |

53880-05-0 Isophorondiisocyanate homopolymer

| | |
|-----------|--|
| LC50/96 h | >1.51 mg/l (Cyprinus Carpio) (Richtlinie 67/548/EWG, Anhang V, C.1.) |
| EC50 | >3.36 mg/l (Daphnia magna) (OECD 202) |
| EC50 | >10,000 mg/l (Belebtschlamm) (OECD 209) |

hydrocarbons, C9, aromatic

| | |
|-------|--|
| LL 50 | 9.2 mg/l (Oncorhynchus mykiss (Regenbogenforelle)) (96h; OECD 203) |
| EL50 | 2.9 mg/l (Pseudokirchneriella subcapitata) (72h; OECD 201) |
| | 3.2 mg/l (Daphnia magna) (48h; OECD 202) |
| EC50 | >99 mg/l (Belebtschlamm) (10 min.; OECD 209) |

1330-20-7 xylene

| | |
|-----------|--|
| LC50/96 h | 26.7 mg/l (Pimephales promelas) |
| LC50 | 2.6 mg/l (Oncorhynchus mykiss (Regenbogenforelle)) (96h; OECD 203) |
| EC50 | 2.2 mg/l (Pseudokirchneriella subcapitata) (72h; OECD 201) |
| IC50 | 2.2 mg/l (ALGAE) |
| NOEC | 157 mg/l (Belebtschlamm) (OECD 209) |
| | 1.17 mg/l (Ceriodaphnia dubia) (7d; US EPA 600/4-91/003) |
| | >1.3 mg/l (Oncorhynchus mykiss (Regenbogenforelle)) (56d) |
| IC50 | 1 mg/l (Daphnia magna) (24h; OECD 202) |

benzotriazole derivatives

| | |
|-----------|--|
| NOEC | 100 mg/kg (Eisenia fetida/foetida) (56d; OECD 222) |
| LC50/96 h | 2.8 mg/l (Oncorhynchus mykiss (Regenbogenforelle)) (OECD 203; ISO 7346; 84/449/EWG,C1 stat.) |
| EC50 | >1,000 mg/l (Belebtschlamm) (3h; OECD 209) |
| EC50 | 4 mg/l (Daphnia magna) (48h;) |
| EC10 | 10 mg/l (Pseudokirchneriella subcapitata) (72h; OECD 201) |
| EC50 | >100 mg/l (Pseudokirchneriella subcapitata) (72h; OECD 201) |
| NOEC | 0.78 mg/l (Daphnia magna) (21d; OECD 202, Part 2) |

- 12.2 Persistence and degradability

No further relevant information available.

- 12.3 Bioaccumulative potential

No further relevant information available.

- 12.4 Mobility in soil

No further relevant information available.

- Ecotoxicological effects:

- Remark:

Toxic for fish

- Additional ecological information:

- General notes:

Water hazard class 2 (German Regulation) (Self-assessment): hazardous for water
Do not allow product to reach ground water, water course or sewage system.
Danger to drinking water if even small quantities leak into the ground.
Also poisonous for fish and plankton in water bodies.
Toxic for aquatic organisms

- 12.5 Results of PBT and vPvB assessment

- PBT:

Not applicable.

- vPvB:

Not applicable.

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- 12.6 Other adverse effects

No further relevant information available.

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SECTION 13: Disposal considerations

- 13.1 Waste treatment methods

- Recommendation

Must not be disposed together with household garbage. Do not allow product to reach sewage system.
Disposal according to official regulations

- European waste catalogue

| | |
|-----------|--|
| 08 04 09* | waste adhesives and sealants containing organic solvents or other hazardous substances |
|-----------|--|

| | |
|----------|---|
| 08 04 10 | waste adhesives and sealants other than those mentioned in 08 04 09 |
|----------|---|

- Uncleaned packaging:

- Recommendation:

Disposal must be made according to official regulations.

SECTION 14: Transport information

- 14.1 UN-Number

- ADR, IMDG, IATA

UN1263

- 14.2 UN proper shipping name

- ADR 1263 PAINT, ENVIRONMENTALLY HAZARDOUS

- IMDG PAINT (Solvent naphtha (petroleum), light arom., hydrocarbons, C9, aromatic),
MARINE POLLUTANT

- IATA PAINT

- 14.3 Transport hazard class(es)

- ADR



- Class 3 (F1) Flammable liquids.

- Label 3

- IMDG



- Class 3 Flammable liquids.

- Label 3

- IATA



- Class 3 Flammable liquids.

- Label 3

- 14.4 Packing group

- ADR, IMDG, IATA

III

- 14.5 Environmental hazards:

- Marine pollutant:

Product contains environmentally hazardous substances: dibutyltin dilaurate
Yes

- Special marking (ADR):

Symbol (fish and tree)
Symbol (fish and tree)

- 14.6 Special precautions for user

Warning: Flammable liquids.

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| | |
|---|--|
| <ul style="list-style-type: none"> - Hazard identification number (Kemler code): 30 - EMS Number: F-E,<u>S-E</u> - Stowage Category: A | |
| - 14.7 Transport in bulk according to Annex II of Marpol and the IBC Code Not applicable. | |
| - Transport/Additional information: | |
| - ADR | |
| <ul style="list-style-type: none"> - Limited quantities (LQ) - Excepted quantities (EQ) | 5L Code: E1 Maximum net quantity per inner packaging: 30 ml Maximum net quantity per outer packaging: 1000 ml |
| <ul style="list-style-type: none"> - Transport category - Tunnel restriction code | 3 D/E |
| - IMDG | |
| <ul style="list-style-type: none"> - Limited quantities (LQ) - Excepted quantities (EQ) | 5L Code: E1 Maximum net quantity per inner packaging: 30 ml Maximum net quantity per outer packaging: 1000 ml |
| - UN "Model Regulation": UN 1263 PAINT, 3, III, ENVIRONMENTALLY HAZARDOUS | |

SECTION 15: Regulatory information

- 15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

- Directive 2012/18/EU
- Named dangerous substances - ANNEX I None of the ingredients is listed.
- Seveso category E2 Hazardous to the Aquatic Environment
P5c FLAMMABLE LIQUIDS
- Qualifying quantity (tonnes) for the application of lower-tier requirements 200 t
- Qualifying quantity (tonnes) for the application of upper-tier requirements 500 t
- REGULATION (EC) No 1907/2006 ANNEX XVII Conditions of restriction: 3, 74

- DIRECTIVE 2011/65/EU on the restriction of the use of certain hazardous substances in electrical and electronic equipment – Annex II

None of the ingredients is listed.

- National regulations:
- Information about limitation of use: Employment restrictions concerning women of child-bearing age must be observed.
Employment restrictions concerning pregnant and lactating women must be observed.
Employment restrictions concerning juveniles must be observed.
- Other regulations, limitations and prohibitive regulations

- Substances of very high concern (SVHC) according to REACH, Article 57

25550-51-0 | hexahydromethylphthalic anhydride

- 15.2 Chemical safety assessment: A Chemical Safety Assessment has not been carried out.

SECTION 16: Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

The safety data sheet issued is also compliant with the regulation Annex I of Regulation (EU) no. 453/2010 and Annex II of Regulation (EU) no. 2015/830

- Relevant phrases
 - H226 Flammable liquid and vapour.
 - H304 May be fatal if swallowed and enters airways.
 - H312 Harmful in contact with skin.
 - H315 Causes skin irritation.
 - H317 May cause an allergic skin reaction.
 - H318 Causes serious eye damage.
 - H319 Causes serious eye irritation.
 - H330 Fatal if inhaled.

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Safety data sheet

according to 1907/2006/EC, Article 31

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Trade name: COETRANS Balcony Coating natural

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H332 Harmful if inhaled.
H334 May cause allergy or asthma symptoms or breathing difficulties if inhaled.
H335 May cause respiratory irritation.
H336 May cause drowsiness or dizziness.
H373 May cause damage to organs through prolonged or repeated exposure.
H411 Toxic to aquatic life with long lasting effects.

- Department issuing SDS:
- Contact:
- Abbreviations and acronyms:

research & development
research & development

ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)
IMDG: International Maritime Code for Dangerous Goods
IATA: International Air Transport Association
GHS: Globally Harmonised System of Classification and Labelling of Chemicals
EINECS: European Inventory of Existing Commercial Chemical Substances
ELINCS: European List of Notified Chemical Substances
CAS: Chemical Abstracts Service (division of the American Chemical Society)
VOC: Volatile Organic Compounds (USA, EU)
DNEL: Derived No-Effect Level (REACH)
LC50: Lethal concentration, 50 percent
LD50: Lethal dose, 50 percent
PBT: Persistent, Bioaccumulative and Toxic
SVHC: Substances of Very High Concern
vPvB: very Persistent and very Bioaccumulative
Flam. Liq. 3: Flammable liquids – Category 3
Acute Tox. 4: Acute toxicity - dermal – Category 4
Acute Tox. 1: Acute toxicity - inhalation – Category 1
Skin Irrit. 2: Skin corrosion/irritation – Category 2
Eye Dam. 1: Serious eye damage/eye irritation – Category 1
Eye Irrit. 2: Serious eye damage/eye irritation – Category 2
Resp. Sens. 1: Respiratory sensitisation – Category 1
Skin Sens. 1: Skin sensitisation – Category 1
STOT SE 3: Specific target organ toxicity (single exposure) – Category 3
STOT RE 2: Specific target organ toxicity (repeated exposure) – Category 2
Asp. Tox. 1: Aspiration hazard – Category 1
Aquatic Chronic 2: Hazardous to the aquatic environment - long-term aquatic hazard – Category 2

- Sources

- www.echa.europa.eu
- www.baua.de

IFA: Institute für Occupational Safety and Health of the German Social Accident Insurance:
- www.dguv.de/ifa/gestis/gestis-stoffdatenbank/index.jsp
- www.dguv.de/ifa/gestis/gestis-dnel-liste

- * Data compared to the previous version altered.

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