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

### 1.1. Product identifier

DINITROL 410 UV NF Black

UFI: TXDA-J7NC-G00P-XP5R

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

**Use of the substance/mixture**

Adhesives, sealants

### 1.3. Details of the supplier of the safety data sheet

**Manufacturer**

Company name: DINOL GmbH
Street: Pyrmonter Strasse 76
Place: D-32676 Luegde
Telephone: + 49 (0) 5281 982980 Telefax: + 49 (0) 5281 9829860
E-mail: msds@dinol.com
Contact person: Labor
Responsible Department: msds@dinol.com

**Supplier**

Company name: Leading Solvent Supplies Limited
Street: Marston Business Park, Rudgate
Place: GB Tockwith, York YO26 7QF
E-mail: enquiries@leading-solvents.co.uk
Internet: www.leading-solvents.co.uk

### 1.4. Emergency telephone number:

Giftnotruf Berlin: +49 30 30686 700 (Beratung in Deutsch und Englisch)

## SECTION 2: Hazards identification

### 2.1. Classification of the substance or mixture

**GB CLP Regulation**

Resp. Sens. 1; H334

Full text of hazard statements: see SECTION 16.

### 2.2. Label elements

**GB CLP Regulation**

**Hazard components for labelling**

Methylenediphenyl diisocyanate, modified
diphenylmethane-4,4'-diisocyanate

**Signal word:** Danger

**Pictograms:**

**Hazard statements**

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

**Precautionary statements**

P261 Avoid breathing vapour/aerosol/dust/mist.
P280 Wear protective gloves and eye protection/face protection.
P342+P311 If experiencing respiratory symptoms: Call a POISON CENTER/doctor.

P405 Store locked up.

**Special labelling of certain mixtures**

EUH204 Contains isocyanates. May produce an allergic reaction.
Restricted to professional users.
As from 24 August 2023 adequate training is required before industrial or professional use.

**Labelling of packages where the contents do not exceed 125 ml**

**Signal word:** Danger

**Pictograms:**

**Hazard statements**

H334

**Precautionary statements**

P261-P342+P311

## 2.3. Other hazards

No information available.

## SECTION 3: Composition/information on ingredients

### 3.2. Mixtures

**Relevant ingredients**

| CAS No | Chemical name | | | Quantity |
|---|---|---|---|---|
| | EC No | Index No | REACH No | |
| | Classification (GB CLP Regulation) | | | |
| 28553-12-0 | di-"isononyl" phthalate | | | 15 - < 20 % |
| | 249-079-5 | | 01-2119430798-28 | |
| | Aquatic Chronic 4; H413 | | | |
| | reaction mass of ethylbenzene and xylene | | | 5 - < 10 % |
| | 905-588-0 | | 01-2119488216-32 | |
| | Flam. Liq. 3, Acute Tox. 4, Acute Tox. 4, Skin Irrit. 2, Eye Irrit. 2, STOT SE 3, STOT RE 2, Asp. Tox. 1; H226 H332 H312 H315 H319 H335 H373 H304 | | | |
| 25686-28-6 | Methylenediphenyl diisocyanate, modified | | | < 1 % |
| | 500-040-3 | | 01-2119457013-49 | |
| | Carc. 2, Acute Tox. 4, Skin Irrit. 2, Eye Irrit. 2, Resp. Sens. 1, Skin Sens. 1, STOT SE 3, STOT RE 2; H351 H332 H315 H319 H334 H317 H335 H373 | | | |
| 101-68-8 | diphenylmethane-4,4'-diisocyanate | | | < 1 % |
| | 202-966-0 | 615-005-00-9 | 01-2119457014-47 | |
| | Carc. 2, Acute Tox. 4, Skin Irrit. 2, Eye Irrit. 2, Resp. Sens. 1, Skin Sens. 1, STOT SE 3, STOT RE 2; H351 H332 H315 H319 H334 H317 H335 H373 | | | |

Full text of H and EUH statements: see section 16.

**Specific Conc. Limits, M-factors and ATE**

| CAS No | EC No | Chemical name | Quantity |
|---|---|---|---|
| | Specific Conc. Limits, M-factors and ATE | | |
| | 905-588-0 | reaction mass of ethylbenzene and xylene | 5 - < 10 % |
| | inhalation: LC50 = 20 mg/l (vapours); inhalation: ATE = 1,5 mg/l (dusts or mists); dermal: LD50 = > 2000 mg/kg; oral: LD50 = 4300 mg/kg | | |
| 25686-28-6 | 500-040-3 | Methylenediphenyl diisocyanate, modified | < 1 % |
| | inhalation: ATE = 11 mg/l (vapours); inhalation: ATE = 1,5 mg/l (dusts or mists); oral: LD50 = >5000 mg/kg Skin Irrit. 2; H315: >= 5 - 100 Eye Irrit. 2; H319: >= 5 - 100 Resp. Sens. 1; H334: >= 0,1 - 100 STOT SE 3; H335: >= 5 - 100 | | |
| 101-68-8 | 202-966-0 | diphenylmethane-4,4'-diisocyanate | < 1 % |
| | inhalation: ATE = 11 mg/l (vapours); inhalation: ATE = 1,5 mg/l (dusts or mists); dermal: LD50 = >9400 mg/kg; oral: LD50 = >2000 mg/kg Skin Irrit. 2; H315: >= 5 - 100 Eye Irrit. 2; H319: >= 5 - 100 Resp. Sens. 1; H334: >= 0,1 - 100 STOT SE 3; H335: >= 5 - 100 | | |

**Further Information**

For full text of Hazard- and EU Hazard-statements: see SECTION 16.

## SECTION 4: First aid measures

### 4.1. Description of first aid measures

**General information**

In all cases of doubt, or when symptoms persist, seek medical advice.
Never give anything by mouth to an unconscious person or a person with cramps.
If unconscious but breathing normally, place in recovery position and seek medical advice.

**After inhalation**

Remove casualty to fresh air and keep warm and at rest.
If unconscious but breathing normally, place in recovery position and seek medical advice.

**After contact with skin**

Remove mechanically (e.g. dab away using wadding or cellulose material) then thoroughly wash the affected skin with a mild cleansing agent and water. If skin irritation occurs: Get medical advice/attention.

**After contact with eyes**

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. In case of eye irritation consult an ophthalmologist.

**After ingestion**

If swallowed, rinse mouth with water (only if the person is conscious).
Do NOT induce vomiting.
Call a physician immediately.
Put victim at rest, cover with a blanket and keep warm.

### 4.2. Most important symptoms and effects, both acute and delayed

Nausea, Dizziness, Headache.

### 4.3. Indication of any immediate medical attention and special treatment needed

No information available.

## SECTION 5: Firefighting measures

### 5.1. Extinguishing media

**Suitable extinguishing media**

Water spray jet, alcohol resistant foam, Extinguishing powder, Carbon dioxide (CO2).

**Unsuitable extinguishing media**

Full water jet.

### 5.2. Special hazards arising from the substance or mixture

In case of fire may be liberated: Hydrogen chloride (HCl), Nitrogen oxides (NOx), Sulphur oxides, Carbon

monoxide

**5.3. Advice for firefighters**

Do not inhale explosion and combustion gases. In case of fire: Wear self-contained breathing apparatus.

**Additional information**

Use water spray jet to protect personnel and to cool endangered containers. Suppress gases/vapours/mists with water spray jet.
Collect contaminated fire extinguishing water separately. Do not allow entering drains or surface water.

## SECTION 6: Accidental release measures

**6.1. Personal precautions, protective equipment and emergency procedures**

**General advice**

Provide adequate ventilation.
Wear personal protection equipment.
Avoid contact with skin, eyes and clothes.
Avoid breathing dust/fume/gas/mist/vapours/spray.

**For emergency responders**

For further specification, refer to section 8 of the SDS.

**6.2. Environmental precautions**

Do not allow uncontrolled discharge of product into the environment.
In case of gas escape or of entry into waterways, soil or drains, inform the responsible authorities.

**6.3. Methods and material for containment and cleaning up**

**For containment**

Prevent spread over a wide area (e.g. by containment or oil barriers).
Absorb with liquid-binding material (sand, diatomaceous earth, acid- or universal binding agents).
Treat the recovered material as prescribed in the section on waste disposal.

**For cleaning up**

Provide adequate ventilation.
Clear contaminated areas thoroughly.
Do not rinse down with water.

**Other information**

No information available.

**6.4. Reference to other sections**

Safe handling: see section 7
Personal protection equipment: see section 8
Disposal: see section 13

## SECTION 7: Handling and storage

**7.1. Precautions for safe handling**

**Advice on safe handling**

If handled uncovered, arrangements with local exhaust ventilation have to be used. If local exhaust ventilation is not possible or not sufficient, the entire working area should be ventilated by technical means.

**Advice on protection against fire and explosion**

Vapours can form explosive mixtures with air. Keep away from sources of ignition - No smoking.

**Advice on general occupational hygiene**

Keep away from food, drink and animal feedingstuffs.
When using do not eat or drink.
Wash hands before breaks and after work.
Avoid contact with skin and eyes.
Remove contaminated, saturated clothing immediately.

**7.2. Conditions for safe storage, including any incompatibilities**

**Requirements for storage rooms and vessels**

Keep only in the original container in a cool, well-ventilated place. Protect from moisture.

**Hints on joint storage**

Store away from foodstuffs.

**Further information on storage conditions**

Keep container tightly closed and dry. Keep in a cool, well-ventilated place.
Protect against: Frost, Heat, UV-radiation/sunlight.

### 7.3. Specific end use(s)

No information available.

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

**Exposure limits (EH40)**

| CAS No | Substance | ppm | mg/m³ | fibres/ml | Category | Origin |
|---|---|---|---|---|---|---|
| 28553-12-0 | Diisononyl phthalate | - | 5 | | TWA (8 h) | WEL |
| - | Isocyanates, all (as -NCO) Except methyl isocyanate | - | 0.02 | | TWA (8 h) | WEL |
| | | - | 0.07 | | STEL (15 min) | WEL |

**DNEL/DMEL values**

| CAS No | Substance | | | |
|---|---|---|---|---|
| DNEL type | | Exposure route | Effect | Value |
| | reaction mass of ethylbenzene and xylene | | | |
| Worker DNEL, long-term | | inhalation | systemic | 211 mg/m³ |
| Worker DNEL, long-term | | inhalation | local | 221 mg/m³ |
| Worker DNEL, acute | | inhalation | systemic | 442 mg/m³ |
| Worker DNEL, long-term | | dermal | systemic | 180 mg/kg bw/day |
| Worker DNEL, acute | | inhalation | local | 289 mg/m³ |
| Consumer DNEL, long-term | | oral | systemic | 1,6 mg/kg bw/day |
| Consumer DNEL, long-term | | inhalation | systemic | 14,8 mg/m³ |
| Consumer DNEL, long-term | | inhalation | local | 65,3 mg/m³ |
| Consumer DNEL, acute | | inhalation | systemic | 260 mg/m³ |
| Consumer DNEL, acute | | inhalation | local | 260 mg/m³ |
| 25686-28-6 | Methylenediphenyl diisocyanate, modified | | | |
| Worker DNEL, long-term | | inhalation | systemic | 0,05 mg/m³ |
| Worker DNEL, acute | | inhalation | systemic | 0,1 mg/m³ |
| Worker DNEL, long-term | | inhalation | local | 0,05 mg/m³ |
| Worker DNEL, acute | | inhalation | local | 0,1 mg/m³ |
| Worker DNEL, acute | | dermal | systemic | 50 mg/kg bw/day |
| Worker DNEL, acute | | dermal | local | 28,7 mg/cm² |
| Consumer DNEL, long-term | | inhalation | systemic | 0,025 mg/m³ |
| Consumer DNEL, acute | | inhalation | systemic | 0,05 mg/m³ |
| Consumer DNEL, long-term | | inhalation | local | 0,025 mg/m³ |
| Consumer DNEL, acute | | inhalation | local | 0,05 mg/m³ |
| Consumer DNEL, acute | | dermal | systemic | 25 mg/kg bw/day |
| Consumer DNEL, acute | | dermal | local | 17,2 mg/cm² |
| Consumer DNEL, acute | | oral | systemic | 20 mg/kg bw/day |
| 101-68-8 | diphenylmethane-4,4'-diisocyanate | | | |
| Worker DNEL, long-term | | inhalation | local | 0,05 mg/m³ |
| Worker DNEL, acute | | inhalation | local | 0,10 mg/m³ |
| Consumer DNEL, long-term | | inhalation | local | 0,025 mg/m³ |
| Consumer DNEL, acute | | inhalation | local | 0,05 mg/m³ |

**PNEC values**

| CAS No | Substance | |
|---|---|---|
| Environmental compartment | | Value |
| | reaction mass of ethylbenzene and xylene | |
| Freshwater | | 0,327 mg/l |
| Marine water | | 0,327 mg/l |
| Freshwater sediment | | 12,64 mg/kg |
| Marine sediment | | 12,64 mg/kg |
| Soil | | 2,31 mg/kg |
| 25686-28-6 | Methylenediphenyl diisocyanate, modified | |
| Freshwater | | 1 mg/l |
| Marine water | | 0,1 mg/l |
| Micro-organisms in sewage treatment plants (STP) | | 1 mg/l |
| Soil | | 1 mg/kg |
| 101-68-8 | diphenylmethane-4,4'-diisocyanate | |
| Freshwater | | 1,0 mg/l |
| Marine water | | 0,1 mg/l |
| Micro-organisms in sewage treatment plants (STP) | | 1,0 mg/l |
| Soil | | 1,0 mg/kg |

## 8.2. Exposure controls

**Appropriate engineering controls**

The usual precautionary measures are to be adhered to when handling chemicals.
Provide adequate ventilation. If handled uncovered, arrangements with local exhaust ventilation should be used if possible. If technical exhaust or ventilation measures are not possible or insufficient, respiratory protection must be worn.

**Individual protection measures, such as personal protective equipment**

**Eye/face protection**

Eye glasses with side protection (EN 166)

**Hand protection**

Tested protective gloves must be worn (EN ISO 374):
FKM (fluoro rubber) - (0,7mm), Breakthrough time:: 240 min.
For special purposes, it is recommended to check the resistance to chemicals of the protective gloves mentioned above together with the supplier of these gloves.
Protective gloves have to be replaced at the first sign of deterioration.
Protect skin by using skin protective cream.

**Skin protection**

Protective clothing

**Respiratory protection**

Work in well-ventilated zones or use proper respiratory protection.
gas filtering equipment (EN 141)., Filter material/medium: A2

## SECTION 9: Physical and chemical properties

### 9.1. Information on basic physical and chemical properties

| | | |
|---|---|---|
| Physical state: | Paste | |
| Colour: | black | |
| Odour: | like: Solvent | |
| Odour threshold: | not determined | |
| Melting point/freezing point: | | not determined |
| Boiling point or initial boiling point and boiling range: | | not applicable |
| Flammability: | | not applicable |
| Flash point: | | not applicable |
| Decomposition temperature: | | not determined |
| pH-Value: | | not determined |
| Water solubility: | | The study does not need to be conducted because the substance is known to be insoluble in water. |

Solubility in other solvents

not determined

| | |
|---|---|
| Partition coefficient n-octanol/water: | not determined |
| Density (at 20 °C): | 1,22 g/cm³ |
| Relative vapour density: | not determined |

### 9.2. Other information

**Information with regard to physical hazard classes**

Explosive properties

not determined

Self-ignition temperature

| | |
|---|---|
| Solid: | not applicable |
| Gas: | not applicable |

**Other safety characteristics**

| | |
|---|---|
| Evaporation rate: | not determined |

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

The product has not been tested.

### 10.2. Chemical stability

The product is stable under storage at normal ambient temperatures.

### 10.3. Possibility of hazardous reactions

Reacts with : Alcohol, Amines, Acid, alkali
After contact with water: Formation of: Methanol, Carbon dioxide.
Heating causes rise in pressure with risk of bursting.

### 10.4. Conditions to avoid

Protect from moisture.

### 10.5. Incompatible materials

No information available.

### 10.6. Hazardous decomposition products

Possible in traces: Isocyanates.

## SECTION 11: Toxicological information

## 11.1. Information on hazard classes as defined in GB CLP Regulation

**Acute toxicity**

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

**ATEmix calculated**

ATE (oral) > 2000 mg/kg; ATE (dermal) > 5000 mg/kg; ATE (inhalation vapour) > 50 mg/l; ATE (inhalation dust/mist) > 12,5 mg/l

| CAS No | Chemical name | | | | | |
|---|---|---|---|---|---|---|
| | Exposure route | Dose | | Species | Source | Method |
| | reaction mass of ethylbenzene and xylene | | | | | |
| | oral | LD50 mg/kg | 4300 | Rat | | |
| | dermal | LD50 mg/kg | > 2000 | Rabbit | | |
| | inhalation (4 h) vapour | LC50 | 20 mg/l | Rat | | |
| | inhalation dust/mist | ATE | 1,5 mg/l | | | |
| 25686-28-6 | Methylenediphenyl diisocyanate, modified | | | | | |
| | oral | LD50 mg/kg | >5000 | Rat | | |
| | inhalation vapour | ATE | 11 mg/l | | | |
| | inhalation dust/mist | ATE | 1,5 mg/l | | | |
| 101-68-8 | diphenylmethane-4,4'-diisocyanate | | | | | |
| | oral | LD50 mg/kg | >2000 | Rat | | |
| | dermal | LD50 mg/kg | >9400 | Rabbit | | |
| | inhalation vapour | ATE | 11 mg/l | | | |
| | inhalation dust/mist | ATE | 1,5 mg/l | | | |

**Irritation and corrosivity**

Skin corrosion/irritation: Based on available data, the classification criteria are not met.
Serious eye damage/eye irritation: Based on available data, the classification criteria are not met.

**Sensitising effects**

May cause allergy or asthma symptoms or breathing difficulties if inhaled. (Methylenediphenyl diisocyanate, modified; diphenylmethane-4,4'-diisocyanate)
Contains isocyanates. May produce an allergic reaction.

**Carcinogenic/mutagenic/toxic effects 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.

**Aspiration hazard**

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

**Information on likely routes of exposure**

No information available.

**Specific effects in experiment on an animal**

No information available.

**Additional information on tests**

No information available.

**Practical experience**

No information available.

### 11.2. Information on other hazards

**Endocrine disrupting properties**

Endocrine disrupting potential No information available.

**Further information**

There are no data available on the preparation/mixture itself.

## SECTION 12: Ecological information

### 12.1. Toxicity

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

| CAS No | Chemical name | | | | | | |
|---|---|---|---|---|---|---|---|
| | Aquatic toxicity | Dose | | [h] \| [d] | Species | Source | Method |
| 25686-28-6 | Methylenediphenyl diisocyanate, modified | | | | | | |
| | Acute fish toxicity | LC50 mg/l | >1000 | 96 h | Danio rerio (zebrafish) | | |
| | Acute crustacea toxicity | EC50 mg/l | >1000 | 48 h | Daphnia magna (Big water flea) | | |
| | Crustacea toxicity | NOEC | >10 mg/l | 21 d | Daphnia magna (Big water flea) | | |
| | Acute bacteria toxicity | EC50 mg/l ( ) | >100 | 3 h | Activated sludge | | |
| 101-68-8 | diphenylmethane-4,4'-diisocyanate | | | | | | |
| | Acute fish toxicity | LC50 mg/l | >1000 | 96 h | Danio rerio (zebrafish) | | |
| | Acute algae toxicity | ErC50 mg/l | >1640 | 72 h | Scenedesmus subspicatus | | |
| | Crustacea toxicity | NOEC | >10 mg/l | 21 d | Daphnia magna (Big water flea) | | |
| | Acute bacteria toxicity | EC50 mg/l ( ) | >100 | 3 h | Activated sludge | | |

### 12.2. Persistence and degradability

There are no data available on the mixture itself.

| CAS No | Chemical name | | | |
|---|---|---|---|---|
| | Method | Value | d | Source |
| | Evaluation | | | |
| 101-68-8 | diphenylmethane-4,4'-diisocyanate | | | |
| | OECD 302C | 0% | 28 | |
| | Not readily biodegradable (according to OECD criteria) | | | |

### 12.3. Bioaccumulative potential

There are no data available on the mixture itself.

**BCF**

| CAS No | Chemical name | BCF | Species | Source |
|---|---|---|---|---|
| 101-68-8 | diphenylmethane-4,4'-diisocyanate | 200 | Cyprinus carpio (Common Carp) | |

**12.4. Mobility in soil**

There are no data available on the mixture itself.

**12.5. Results of PBT and vPvB assessment**

The substances in the mixture do not meet the PBT/vPvB criteria according to UK REACH.

**12.6. Endocrine disrupting properties**

This product does not contain a substance that has endocrine disrupting properties with respect to non-target organisms as no components meets the criteria.

**12.7. Other adverse effects**

No information available.

**Further information**

There are no data available on the preparation/mixture itself.
Do not allow to enter into surface water or drains.

## SECTION 13: Disposal considerations

**13.1. Waste treatment methods**

**Disposal recommendations**

Dispose of waste according to applicable legislation. Do not mix with other wastes.
List of proposed waste codes/waste designations in accordance with EWC:

**List of Wastes Code - residues/unused products**

080409 WASTES FROM THE MANUFACTURE, FORMULATION, SUPPLY AND USE (MFSU) OF COATINGS (PAINTS, VARNISHES AND VITREOUS ENAMELS), ADHESIVES, SEALANTS AND PRINTING INKS; wastes from MFSU of adhesives and sealants (including waterproofing products); waste adhesives and sealants containing organic solvents or other hazardous substances; hazardous waste

**List of Wastes Code - contaminated packaging**

150110 WASTE PACKAGING; ABSORBENTS, WIPING CLOTHS, FILTER MATERIALS AND PROTECTIVE CLOTHING NOT OTHERWISE SPECIFIED; packaging (including separately collected municipal packaging waste); packaging containing residues of or contaminated by hazardous substances; hazardous waste

**Contaminated packaging**

Remove according to the regulations.

## SECTION 14: Transport information

**Land transport (ADR/RID)**

| | |
|---|---|
| **14.1. UN number or ID number:** | No dangerous good in sense of this transport regulation. |
| **14.2. UN proper shipping name:** | No dangerous good in sense of this transport regulation. |
| **14.3. Transport hazard class(es):** | No dangerous good in sense of this transport regulation. |
| **14.4. Packing group:** | No dangerous good in sense of this transport regulation. |

**Inland waterways transport (ADN)**

| | |
|---|---|
| **14.1. UN number or ID number:** | No dangerous good in sense of this transport regulation. |
| **14.2. UN proper shipping name:** | No dangerous good in sense of this transport regulation. |
| **14.3. Transport hazard class(es):** | No dangerous good in sense of this transport regulation. |
| **14.4. Packing group:** | No dangerous good in sense of this transport regulation. |

**Marine transport (IMDG)**

| | |
|---|---|
| **14.1. UN number or ID number:** | No dangerous good in sense of this transport regulation. |
| **14.2. UN proper shipping name:** | No dangerous good in sense of this transport regulation. |
| **14.3. Transport hazard class(es):** | No dangerous good in sense of this transport regulation. |
| **14.4. Packing group:** | No dangerous good in sense of this transport regulation. |
| Marine pollutant: | no |

**Air transport (ICAO-TI/IATA-DGR)**

| | |
|---|---|
| **14.1. UN number or ID number:** | No dangerous good in sense of this transport regulation. |
| **14.2. UN proper shipping name:** | No dangerous good in sense of this transport regulation. |
| **14.3. Transport hazard class(es):** | No dangerous good in sense of this transport regulation. |
| **14.4. Packing group:** | No dangerous good in sense of this transport regulation. |

**14.5. Environmental hazards**

ENVIRONMENTALLY HAZARDOUS: No

**14.6. Special precautions for user**

No dangerous good in sense of this transport regulation.

**14.7. Maritime transport in bulk according to IMO instruments**

No dangerous good in sense of this transport regulation.

**Other applicable information**

Fire test in accordance with 33.2.1.4 "Manual of test and criteria" (recommendations on the TRANSPORT OF DANGEROUS GOODS [United Nations]): burn rate: <= 2, 2 mm / s (no hazardous goods according to class 4.1 [ADR])

## SECTION 15: Regulatory information

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

**EU regulatory information**

Restrictions on use (REACH, annex XVII):

Entry 3, Entry 40, Entry 52, Entry 56

| | |
|---|---|
| Directive 2004/42/EC on VOC in paints and varnishes: | 8,0 %<br>97,6 g/l |
| Subcategory according to Directive 2004/42/EC: | Bodyfiller/stopper - All types, VOC limit value: 250 g/l |

**Additional information**

Observe in addition any national regulations!
Directive 98/24/EC of 7 April 1998 on the protection of the health and safety of workers from the risks related to chemical agents at work

**National regulatory information**

| | |
|---|---|
| Employment restrictions: | Observe restrictions to employment for juveniles according to the 'juvenile work protection guideline' (94/33/EC). Observe employment restrictions under the Maternity Protection Directive (92/85/EEC) for expectant or nursing mothers. |
| Water hazard class (D): | 2 - obviously hazardous to water |

**Additional information**

This mixture contains the following substances of very high concern (SVHC) which are included in the Candidate List according to Article 59 of REACH: none

**15.2. Chemical safety assessment**

Chemical safety assessments for substances in this mixture were not carried out.

## SECTION 16: Other information

**Changes**

This data sheet contains changes from the previous version in section(s): 16.

**Abbreviations and acronyms**

Flam. Liq: Flammable liquids
Acute Tox: Acute toxicity
Asp. Tox: Aspiration hazard
Skin Irrit: Skin irritation
Eye Irrit: Eye irritation
Resp. Sens: Respiratory sensitisation
Skin Sens: Skin sensitisation
Carc: Carcinogenicity
STOT SE: Specific target organ toxicity - single exposure
STOT RE: Specific target organ toxicity - repeated exposure
Aquatic Chronic: Chronic aquatic hazard
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 Harmonized 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
LC50: Lethal concentration, 50%
LD50: Lethal dose, 50%

**Classification for mixtures and used evaluation method according to GB CLP Regulation**

| Classification | Classification procedure |
|---|---|
| Resp. Sens. 1; H334 | Calculation method |

**Relevant H and EUH statements (number and full text)**

| | |
|---|---|
| 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. |
| H319 | Causes serious eye irritation. |
| H332 | Harmful if inhaled. |
| H334 | May cause allergy or asthma symptoms or breathing difficulties if inhaled. |
| H335 | May cause respiratory irritation. |
| H351 | Suspected of causing cancer. |
| H373 | May cause damage to organs through prolonged or repeated exposure. |
| H413 | May cause long lasting harmful effects to aquatic life. |
| EUH204 | Contains isocyanates. May produce an allergic reaction. |

**Further Information**

The above information describes exclusively the safety requirements of the product and is based on our present-day knowledge. The information is intended to give you advice about the safe handling of the product named in this safety data sheet, for storage, processing, transport and disposal. The information cannot be transferred to other products. In the case of mixing the product with other products or in the case of processing, the information on this safety data sheet is not necessarily valid for the new made-up material.

This safety data sheet complies with Regulation (EC) No 1907/2006, Article 31 as amended by Regulation (EU) 2020/878.

*(The data for the relevant ingredients were taken respectively from the last version of the sub-contractor's safety data sheet.)*