



Safety Data Sheet
according to Regulation (EC)
No. 2015/830

SECTION 1: Identification of the Substance/Mixture and the Company/Undertaking

| | | | |
|-------------------------------|-------------------------|-------------------------|------------|
| 1.1 Product Identifier | PS001 | Revision Date: | 05/01/2018 |
| Product Name: | PRYMAX POND/DAMP SEALER | Supersedes Date: | New SDS |

1.2 Relevant identified uses of the substance or mixture and uses advised against Monocomponent industrial coating - Industrial use.

1.3 Details of the supplier of the safety data sheet

Manufacturer: CFSNET Ltd

United Downs Industrial Park
 St Day, Redruth
 Cornwall
 TR16 5HY

Regulatory / Technical Information:
 +44(0) 1209 821028
www.cfsnet.co.uk

SECTION 2: Hazard Identification

2.1 Classification of the substance or mixture

Classification according to Classification, Labeling & Packaging Regulation (EC) 1272/2008

HAZARD STATEMENTS

| | |
|--|------|
| Flammable Liquid, category 3 | H226 |
| Aspiration Hazard, category 1 | H304 |
| Skin Irritation, category 2 | H315 |
| Skin Sensitizer, category 1 | H317 |
| Eye Irritation, category 2 | H319 |
| Acute Toxicity, Inhalation, category 4 | H332 |
| Respiratory Sensitizer, category 1 | H334 |
| STOT, single exposure, category 3, RTI | H335 |
| STOT, single exposure, category 3, NE | H336 |
| Carcinogenicity, category 2 | H351 |

STOT, repeated exposure, category 2
Hazardous to the aquatic environment, Chronic, category 2

H373
H411

2.2 Label elements

Symbol(s) of Product



Signal Word

Danger

Named Chemicals on Label

4,4'-methylenediphenyl diisocyanate, n-butyl acetate, 2,2'-methylenediphenyl diisocyanate, tosyl isocyanate, diphenylmethane-2,4'-diisocyanate, isocyanic acid, polymethylenepolyphenylene ester, solvent naphtha (petroleum), light arom.

HAZARD STATEMENTS

| | | |
|---|------|---|
| Flammable Liquid, category 3 | H226 | Flammable liquid and vapour. |
| Aspiration Hazard, category 1 | H304 | May be fatal if swallowed and enters airways. |
| Skin Irritation, category 2 | H315 | Causes skin irritation. |
| Skin Sensitizer, category 1 | H317 | May cause an allergic skin reaction. |
| Eye Irritation, category 2 | H319 | Causes serious eye irritation. |
| Acute Toxicity, Inhalation, category 4 | H332 | Harmful if inhaled. |
| Respiratory Sensitizer, category 1 | H334 | May cause allergy or asthma symptoms or breathing difficulties if inhaled. |
| STOT, single exposure, category 3, RT1 | H335 | May cause respiratory irritation. |
| STOT, single exposure, category 3, NE | H336 | May cause drowsiness or dizziness. |
| Carcinogenicity, category 2 | H351 | Suspected of causing cancer. |
| STOT, repeated exposure, category 2 | H373 | May cause damage to organs through prolonged or repeated exposure. |
| Hazardous to the aquatic environment, Chronic, category 2 | H411 | Toxic to aquatic life with long lasting effects when in water course in uncured, liquid form. |

PRECAUTION PHRASES

| | |
|--------------|---|
| P210 | Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. |
| P260 | Do not breathe dust/fume/gas/mist/vapours/spray. |
| P273 | Avoid release to the environment. |
| P280 | Wear protective gloves/protective clothing/eye protection/face protection. |
| P284 | Wear respiratory protection. |
| P285 | In case of inadequate ventilation wear respiratory protection. |
| P301+310 | IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician. |
| P302+352 | IF ON SKIN: Wash with plenty of soap and water. |
| P304+340 | IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. |
| P305+351+338 | IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do so. Continue rinsing. |
| P308+313 | IF exposed or concerned: Get medical advice/attention. |
| P314 | Get medical advice/attention if you feel unwell. |
| P331 | Do NOT induce vomiting. |
| P333+313 | If skin irritation or rash occurs: Get medical advice/attention. |
| P341 | If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing. |
| P342+311 | If experiencing respiratory symptoms: Call a POISON CENTER or doctor/physician. |
| P391 | Collect spillage. |
| P403+233 | Store in a well-ventilated place. Keep container tightly closed. |

2.3 Other hazards

No Information

Results of PBT and vPvB assessment:

The product does not meet the criteria for PBT/VPvB in accordance with Annex XIII.

SECTION 3: Composition/Information On Ingredients**3.2 Mixtures****Hazardous Ingredients**

| <u>CAS-No.</u> | <u>EINEC No.</u> | <u>Name According to EEC</u> | <u>%</u> |
|----------------|------------------|--|----------|
| 9016-87-9 | 618-498-9 | isocyanic acid, polymethylenepolyphenylene ester | 25-50 |
| 64742-95-6 | 265-199-0 | solvent naphtha (petroleum), light arom. | 10-25 |
| 101-68-8 | 202-966-0 | 4,4'-methylenediphenyl diisocyanate | 2.5-10 |
| 108-67-8 | 203-604-4 | mesitylene | 2.5-10 |
| 123-86-4 | 204-658-1 | n-butyl acetate | 2.5-10 |
| 5873-54-1 | 227-534-9 | diphenylmethane-2,4'-diisocyanate | 1.0-2.5 |
| 4083-64-1 | 223-810-8 | tosyl isocyanate | 0.1-1.0 |
| 2536-05-2 | 219-799-4 | 2,2'-methylenediphenyl diisocyanate | 0.1-1.0 |
| 77-58-7 | 201-039-8 | dibutyltin dilaurate | <0.1 |
| 98-59-9 | | tosyl chloride | <0.1 |

| <u>CAS-No.</u> | <u>REACH Reg No.</u> | <u>CLP Symbols</u> | <u>CLP Hazard Statements</u> | <u>M-Factors</u> |
|----------------|----------------------|-------------------------|----------------------------------|------------------|
| 9016-87-9 | | GHS07-GHS08 | H315-317-319-332-334-335-351-373 | |
| 64742-95-6 | | GHS02-GHS07-GHS08-GHS09 | H226-304-335-336-411 | |
| 101-68-8 | 01-2119457014-47 | GHS07-GHS08 | H315-317-319-332-334-335-351-373 | |
| 108-67-8 | | GHS02-GHS07-GHS09 | H226-335-411 | |
| 123-86-4 | 01-2119485493-29 | GHS02-GHS07 | H226-336 | |
| 5873-54-1 | | GHS07-GHS08 | H315-319-334-335 | |
| 4083-64-1 | | GHS07-GHS08 | H315-319-334-335 | |
| 2536-05-2 | | GHS07-GHS08 | H315-319-334-335 | |
| 77-58-7 | | GHS05-GHS07-GHS08-GHS09 | H314-317-341-360-370-400 | |
| 98-59-9 | | | | 1 |

Additional Information:

The text for CLP Hazard Statements shown above (if any) is given in Section 16.

SECTION 4: First-aid Measures**4.1 Description of First Aid Measures**

GENERAL NOTES: When symptoms persist or in all cases of doubt seek medical advice. Remove contaminated clothing and shoes.

AFTER INHALATION: Move to fresh air. Give oxygen or artificial respiration if needed. Keep respiratory tract clear.

AFTER SKIN CONTACT: Wash off immediately with soap and plenty of water while removing all contaminated clothes and shoes. If skin irritation persists, call a physician.

AFTER EYE CONTACT: Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Remove contact lenses. If eye irritation persists, consult a specialist.

AFTER INGESTION: Gently wipe or rinse the inside of the mouth with water. Drink plenty of water. Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Obtain medical attention.

Self protection of the first aider:

No action shall be taken involving any personal risk or without suitable training. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. Wash contaminated clothing thoroughly with water before removing it, or wear gloves.

4.2 Most important symptoms and effects, both acute and delayed

Harmful by inhalation. Do not ingest. Irritating to eyes and skin. Risk of serious damage to the lungs (by aspiration). Vapours may cause drowsiness and dizziness.

4.3 Indication of any immediate medical attention and special treatment needed

No information available on clinical testing and medical monitoring. Specific toxicological information on substances, if available, can be found in section 11.

SECTION 5: Fire-fighting Measures

5.1 Extinguishing Media:

Alcohol Foam, Carbon Dioxide, Dry Chemical, Water Fog

FOR SAFETY REASONS NOT TO BE USED: Alcohol, Alcohol based solutions, any other media not listed above. Do not use a solid water stream as it may scatter and spread fire.

5.2 Special hazards arising from the substance or mixture

Flammable.

5.3 Advice for firefighters

Flash back possible over considerable distance. In the event of fire, wear self-contained breathing apparatus. Hazardous decomposition products formed under fire conditions. Collect contaminated fire extinguishing water separately. This must not be discharged into drains.

SECTION 6: Accidental Release Measures

6.1 Personal precautions, protective equipment and emergency procedures

Ensure adequate ventilation. Use personal protective equipment. Remove all sources of ignition.

6.2 Environmental precautions

Do not allow material to contaminate ground water system. Prevent product from entering drains.

6.3 Methods and material for containment and cleaning up

Prevent further leakage or spillage if safe to do so. Contain spillage, soak up with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and transfer to a container for disposal according to local / national regulations (see section 13).

6.4 Reference to other sections

FURTHER INSTRUCTIONS: Please refer to EU disposal requirements or country specific disposal requirements for this material. See Section 13 for further information.

SECTION 7: Handling and Storage

7.1 Precautions for safe handling

Take necessary action to avoid static electricity discharge (which might cause ignition of organic vapours). Vapours may form explosive mixtures with air. Use only in area provided with appropriate exhaust ventilation. To avoid ignition of vapours by static electricity discharge, all metal parts of the equipment must be grounded. Wear personal protective equipment. Use only in well-ventilated areas. Do not breathe vapours or spray mist. Keep product and empty container away from heat and sources of ignition. Keep away from sources of ignition - No smoking. Do not use sparking tools.

Keep working clothes separately. Keep away from food, drink and animal feedingstuffs. Wash hands before breaks and at the end of workday. When using, do not eat, drink or smoke. Handle in accordance with good industrial hygiene and safety practice for diagnostics.

7.2 Conditions for safe storage, including any incompatibilities

CONDITIONS TO AVOID: Direct sources of heat. Strong sunlight for prolonged periods.

STORAGE CONDITIONS: Store in original container. Keep in an area equipped with solvent resistant flooring. Keep locked up or in an area accessible only to qualified or authorised persons. Store in a dry, well ventilated place away from sources of heat, ignition and direct sunlight.

7.3 Specific end use(s)

No specific advice for end use available.

SECTION 8: Exposure Controls/Personal Protection

8.1 Control parameters

**Ingredients with Occupational Exposure Limits
(UK WELS)**

| <u>Name</u> | <u>CAS-No.</u> | <u>LTEL ppm</u> | <u>STEL ppm</u> | <u>STEL mg/m3</u> | <u>LTEL mg/m3</u> |
|--|----------------|-----------------|-----------------|-------------------|-------------------|
| isocyanic acid, polymethylenepolyphenylene ester | 9016-87-9 | | | 0.07 | 0.02 |
| solvent naphtha (petroleum), light arom. | 64742-95-6 | | | | |
| 4,4'-methylenediphenyl diisocyanate | 101-68-8 | | | 0.07 | 0.02 |

| | | | | | |
|-------------------------------------|-----------|-----|-----|------|------|
| mesitylene | 108-67-8 | 25 | | | 125 |
| n-butyl acetate | 123-86-4 | 150 | 200 | 966 | 724 |
| diphenylmethane-2,4'-diisocyanate | 5873-54-1 | | | 0.07 | 0.02 |
| tosyl isocyanate | 4083-64-1 | | | | |
| 2,2'-methylenediphenyl diisocyanate | 2536-05-2 | | | | |
| dibutyltin dilaurate | 77-58-7 | | | | |
| tosyl chloride | 98-59-9 | | | 5 | |

| <u>Name</u> | <u>CAS-No.</u> | <u>OEL Note</u> |
|-------------|----------------|-----------------|
|-------------|----------------|-----------------|

| | |
|---|------------|
| isocyanic acid, polymethylenepolyphenylene ester | 9016-87-9 |
| solvent naphtha (petroleum), light arom. | 64742-95-6 |
| 4,4'-methylenediphenyl diisocyanate | 101-68-8 |
| mesitylene | 108-67-8 |
| n-butyl acetate | 123-86-4 |
| diphenylmethane-2,4'-diisocyanate | 5873-54-1 |
| tosyl isocyanate | 4083-64-1 |
| 2,2'-methylenediphenyl diisocyanate | 2536-05-2 |
| dibutyltin dilaurate | 77-58-7 |
| tosyl chloride | 98-59-9 |

FURTHER ADVICE: Refer to the regulatory exposure limits for the workforce enforced in each country. Some components may not have been classified under the EU CLP Regulation.

8.2 Exposure controls

Personal Protection

RESPIRATORY PROTECTION: Respirator with combination filter for vapour/particulate (EN 141).

EYE PROTECTION: Eye wash bottle with pure water. Safety glasses with side-shields conforming to EN166.

HAND PROTECTION: Gloves should be discarded and replaced if there is any indication of degradation or chemical breakthrough. Chemical resistant gloves made of butyl rubber or nitrile rubber category III according to EN 374. Take note of the information given by the producer concerning permeability and break through times, and of special workplace conditions (mechanical strain, duration of contact). Long sleeved clothing. Remove and wash contaminated clothing before re-use.

OTHER PROTECTIVE EQUIPMENT: No Information

ENGINEERING CONTROLS: Avoid contact with skin, eyes and clothing. Ensure adequate ventilation, especially in confined areas.

Chemical Name:

isocyanic acid, polymethylenepolyphenylene ester

EC No.:

618-498-9

CAS-No.:

9016-87-9

DNELs - Derived no effect level

| Route of Exposure | Workers | | | | Consumers | | | |
|-------------------|--------------------|------------------------|-----------------------|--------------------------|--------------------|------------------------|-----------------------|--------------------------|
| | Acute effect local | Acute effects systemic | Chronic effects local | Chronic effects systemic | Acute effect local | Acute effects systemic | Chronic effects local | Chronic effects systemic |
| Oral | Not required | | | | | 20 mg/kg bw/day | | |
| Inhalation | | | | | | | | |
| Dermal | 50 mg/kg bw/day | | | | 50 mg/kg bw/day | | | |

PNEC's - Predicted no effect concentration

| | |
|--|---------|
| Environmental protection target | PNEC |
| Fresh water | |
| Fresh water sediments | |
| Marine water | |
| Marine sediments | |
| Food chain | |
| Microorganisms in sewage treatment soil (agricultural) | 1 mg/kg |
| Air | |

Chemical Name:

solvent naphtha (petroleum), light arom.

EC No.:

265-199-0

CAS-No.:

64742-95-6

DNELs - Derived no effect level

| Route of Exposure | Workers | | | | Consumers | | | |
|-------------------|-----------------------|------------------------|-----------------------|--------------------------|----------------------|------------------------|-----------------------|--------------------------|
| | Acute effect local | Acute effects systemic | Chronic effects local | Chronic effects systemic | Acute effect local | Acute effects systemic | Chronic effects local | Chronic effects systemic |
| Oral | Not required | | | | | | | 11 mg/kg |
| Inhalation | 150 mg/m ³ | | | | 32 mg/m ³ | | | |
| Dermal | 25 mg/kg | | | | 11 mg/kg | | | |

PNEC's - Predicted no effect concentration

| | |
|--|------|
| Environmental protection target | PNEC |
| Fresh water | |
| Fresh water sediments | |
| Marine water | |
| Marine sediments | |
| Food chain | |
| Microorganisms in sewage treatment soil (agricultural) | |
| Air | |

Chemical Name:

4,4'-methylenediphenyl diisocyanate

EC No.:

202-966-0

CAS-No.:

101-68-8

DNELs - Derived no effect level

| Route of Exposure | Workers | | | | Consumers | | | |
|-------------------|---------------------------|---------------------------|----------------------------|----------------------------|----------------------------|----------------------------|-----------------------------|-----------------------------|
| | Acute effect local | Acute effects systemic | Chronic effects local | Chronic effects systemic | Acute effect local | Acute effects systemic | Chronic effects local | Chronic effects systemic |
| Oral | Not required | | | | | 20 mg/kg body weight/day | | |
| Inhalation | 0.1 mg/m ³ air | 0.1 mg/m ³ air | 0.05 mg/m ³ air | 0.05 mg/m ³ air | 0.05 mg/m ³ air | 0.05 mg/m ³ air | 0.025 mg/m ³ air | 0.025 mg/m ³ air |
| Dermal | 28.7 mg/kg | 50 mg/kg body weight/day | | | 17.2 mg/kg | 25 mg/kg body weight/day | | |

PNEC's - Predicted no effect concentration

| | |
|------------------------------------|---------------------|
| Environmental protection target | PNEC |
| Fresh water | >1 mg/l |
| Fresh water sediments | |
| Marine water | >0.1 mg/l |
| Marine sediments | |
| Food chain | |
| Microorganisms in sewage treatment | >1 mg/l |
| soil (agricultural) | >1 mg/kg dry weight |
| Air | |

Chemical Name:

diphenylmethane-2,4'-diisocyanate

EC No.:

227-534-9

CAS-No.:

5873-54-1

DNELs - Derived no effect level

| Route of Exposure | Workers | | | | Consumers | | | |
|-------------------|---------------------------|---------------------------|----------------------------|----------------------------|----------------------------|----------------------------|-----------------------------|-----------------------------|
| | Acute effect local | Acute effects systemic | Chronic effects local | Chronic effects systemic | Acute effect local | Acute effects systemic | Chronic effects local | Chronic effects systemic |
| Oral | Not required | | | | | 20 mg/kg body weight/day | | |
| Inhalation | 0.1 mg/m ³ air | 0.1 mg/m ³ air | 0.05 mg/m ³ air | 0.05 mg/m ³ air | 0.05 mg/m ³ air | 0.05 mg/m ³ air | 0.025 mg/m ³ air | 0.025 mg/m ³ air |
| Dermal | 28.7 mg/kg | 50 mg/kg body weight/day | | | 17.2 mg/kg | 25 mg/kg body weight/day | | |

PNEC's - Predicted no effect concentration

| | |
|------------------------------------|---------------------|
| Environmental protection target | PNEC |
| Fresh water | > 1 mg/l |
| Fresh water sediments | |
| Marine water | >0.1 mg/l |
| Marine sediments | |
| Food chain | |
| Microorganisms in sewage treatment | >1 mg/l |
| soil (agricultural) | >1 mg/kg dry weight |
| Air | |

SECTION 9: Physical and Chemical Properties**9.1 Information on basic physical and chemical properties****Appearance:** Clear liquid**Physical State** Liquid**Odor** Aromatic**Odor threshold** Not determined

| | |
|--|------------------------------|
| pH | Not determined |
| Melting point / freezing point (°C) | Not determined |
| Boiling point/range (°C) | 125 - N.D. |
| Flash Point, (°C) | 27°C |
| Evaporation rate | 0.21 |
| Flammability (solid, gas) | Not determined |
| Upper/lower flammability or explosive limits | 0.8 - 7 |
| Vapour Pressure | >1 |
| Vapour density | Not determined |
| Relative density | Not determined |
| Solubility in / Miscibility with water | Immiscible in water (reacts) |
| Partition coefficient: n-octanol/water | Not determined |
| Auto-ignition temperature (°C) | Not determined |
| Decomposition temperature (°C) | Not determined |
| Viscosity | Not determined |
| Explosive properties | Not determined |
| Oxidising properties | Product is not oxidising |

9.2 Other information

| | |
|---------------------------------------|-------|
| VOC Content g/l: | 332 |
| Specific Gravity (g/cm ³) | 1.000 |

SECTION 10: Stability and Reactivity

10.1 Reactivity

No reactivity hazards known under normal storage and use conditions. Explosive reaction may occur on heating or burning.

10.2 Chemical stability

Stable under recommended storage conditions. Risk of ignition.

10.3 Possibility of hazardous reactions

No Information

10.4 Conditions to avoid

Direct sources of heat. Strong sunlight for prolonged periods.

10.5 Incompatible materials

Do not store together with oxidizing and self-igniting products.

10.6 Hazardous decomposition products

Carbon dioxide (CO₂), carbon monoxide (CO), oxides of nitrogen (NO_x), dense black smoke.

SECTION 11: Toxicological Information

11.1 Information on toxicological effects

Acute Toxicity:

| | |
|------------------|----------------|
| Oral LD50: | No Information |
| Inhalation LC50: | No Information |

Irritation:

Irritant for skin and mucous membranes. May cause sensitisation. May cause eye irritation. Ingestion may result in irritation to the gastro intestinal tract. Small amounts of liquid aspirated into the respiratory system during ingestion or from vomiting may cause bronchopneumonia or pulmonary oedema.

| | |
|-----------------------------------|--|
| Corrosivity: | No information available. |
| Sensitization: | Recognised allergen. May also cause sensitisation by skin contact. |
| Repeated dose toxicity: | Prolonged inhalation of high concentrations may damage the respiratory system. |
| Carcinogenicity: | No information available. |
| Mutagenicity: | No information available. |
| Toxicity for reproduction: | No information available. |
| STOT-single exposure: | No information available. |
| STOT-repeated exposure: | No information available. |
| Aspiration hazard: | Harmful by inhalation. May cause sensitisation by inhalation. Vapour concentrations above the recommended exposure levels are irritating to the eyes and respiratory tract, and may cause headaches, dizziness and have other CNS effects. |

If no information is available above under Acute Toxicity then the acute effects of this product have not been tested.
Data on individual components are tabulated below:

| <u>CAS-No.</u> | <u>Name According to EEC</u> | <u>Oral LD50</u> | <u>Dermal LD50</u> | <u>Vapor LC50</u> |
|----------------|--|------------------------|--------------------|---------------------|
| 9016-87-9 | isocyanic acid, polymethylenepolyphenylene ester | >5000 mg/kg | >9400 mg/kg | |
| 64742-95-6 | solvent naphtha (petroleum), light arom. | 3592 mg/kg | > 3,160 mg/kg | > 6193 mg/m3 |
| 101-68-8 | 4,4'-methylenediphenyl diisocyanate | >5000mg/kg | >9400 mg/kg | |
| 123-86-4 | n-butyl acetate | 10760 mg/kg, rat, oral | | 23.4 mg/l/4/h (rat) |
| 5873-54-1 | diphenylmethane-2,4'-diisocyanate | >2000 mg/kg | >9400 mg/kg | |
| 4083-64-1 | tosyl isocyanate | 2600 mg/kg oral, rat | | |
| 2536-05-2 | 2,2'-methylenediphenyl diisocyanate | | > 9400 mg/kg | |
| 77-58-7 | dibutyltin dilaurate | >2000 mg/kg, oral, rat | | |

Additional Information:

No Information

SECTION 12: Ecological Information

12.1 Toxicity:

| | |
|----------------------|----------------|
| EC50 48hr (Daphnia): | No information |
| IC50 72hr (Algae): | No information |
| LC50 96hr (fish): | No information |

12.2 Persistence and degradability: No information

12.3 Bioaccumulative potential: No information

12.4 Mobility in soil: No information

12.5 Results of PBT and vPvB assessment: The product does not meet the criteria for PBT/VPvB in accordance with Annex XIII.

12.6 Other adverse effects: There is no data available on the product itself. Hazardous for water. Do not allow the product to reach ground water, water bodies or sewage systems. Must not reach sewage water or drainage ditch undiluted or unneutralised. The liquid product may be neutralised with a mixture of ammonia solution (190g/ltr), water and ethanol.

| <u>CAS-No.</u> | <u>Name According to EEC</u> | <u>EC50 48hr</u> | <u>IC50 72hr</u> | <u>LC50 96hr</u> |
|----------------|------------------------------|------------------|------------------|------------------|
|----------------|------------------------------|------------------|------------------|------------------|

| | | | | |
|------------|--|----------------|----------------|----------------|
| 9016-87-9 | isocyanic acid, polymethylenepolyphenylene ester | No information | 1640 mg/l | >1000 mg/l |
| 64742-95-6 | solvent naphtha (petroleum), light arom. | | | 9,2 mg/l |
| 101-68-8 | 4,4'-methylenediphenyl diisocyanate | >1000 mg/l | No information | >1000 mg/l |
| 108-67-8 | mesitylene | No information | No information | |
| 123-86-4 | n-butyl acetate | No information | No information | |
| 5873-54-1 | diphenylmethane-2,4'-diisocyanate | >1000 mg/l | >1640 mg/l | >1000 mg/l |
| 4083-64-1 | tosyl isocyanate | No information | No information | |
| 2536-05-2 | 2,2'-methylenediphenyl diisocyanate | >1000 mg/l | >1640 mg/l | >1000 mg/l |
| 77-58-7 | dibutyltin dilaurate | No information | No information | |
| 98-59-9 | tosyl chloride | No information | No information | No information |

SECTION 13: Disposal Considerations

- 13.1 WASTE TREATMENT METHODS:** Do not burn, or use a cutting torch on, the empty drum. Dispose of as hazardous waste in compliance with local and national regulations. Empty containers should be taken to an approved waste handling site for recycling or disposal. The product should not be allowed to enter drains, water courses or the soil.

European Waste Code: No Information

Packaging Waste Code: 150110

SECTION 14: Transport Information

| | |
|--|---------------------------|
| 14.1 UN number | 1866 |
| 14.2 UN proper shipping name | Resin solution, flammable |
| Technical name | Not applicable |
| 14.3 Transport hazard class(es) | 3 |
| Subsidiary shipping hazard | Not applicable |
| 14.4 Packing group | III |
| 14.5 Environmental hazards | Marine Pollutant |
| 14.6 Special precautions for user | Not applicable |
| EmS-No.: | F-E, S-E |
| 14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC code | Not applicable |

SECTION 15: Regulatory Information

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

National Regulations:

Denmark Product Registration Number: Not available

Danish MAL Code: Not available

Danish MAL Code - Mixture: Not available

Sweden Product Registration Number: Not available

Norway Product Registration Number: Not available

Germany WGK Class: Not available

Covered by Directive 2012/18/EC (Seveso III): Not applicable

Restrictions to product or to substances according to Annex XVII, Regulation (CE) 1907/2006:

Entry 56

15.2 Chemical Safety Assessment:

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

SECTION 16: Other Information**Text for CLP Hazard Statements shown in Section 3 describing each ingredient:**

| | |
|------|--|
| H226 | Flammable liquid and vapour. |
| H304 | May be fatal if swallowed and enters airways. |
| H314 | Causes severe skin burns and eye damage. |
| 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. |
| H336 | May cause drowsiness or dizziness. |
| H341 | Suspected of causing genetic defects. |
| H351 | Suspected of causing cancer. |
| H360 | May damage fertility or the unborn child. |
| H370 | Causes damage to organs. |
| H373 | May cause damage to organs through prolonged or repeated exposure. |
| H400 | Very toxic to aquatic life. |
| H411 | Toxic to aquatic life with long lasting effects. |

Reasons for revision

Changes have been made to Section 4 of the Safety Data Sheet (SDS). Please refer to the First Aid Measures information in Section 4 of this SDS.

List of References:

This Safety Data Sheet was compiled with data and information from the following sources:

The Ariel Regulatory Database provided by the 3E Corporation in Copenhagen, Denmark;
 European Union Commission Regulation No. 1907/2006 on REACH as amended within Commission Regulation (EU) 2015/830;
 European Union (EC) Regulation No. 1272/2008 on the classification, labelling and packaging of substances and mixtures (CLP Regulation) and subsequent technical progress adaptations (ATP);
 EU Council Decision 2000/532/EC and its Annex entitled "List of Wastes".

Acronym & Abbreviation Key:

| | |
|--------|--|
| CLP | Classification, Labeling & Packaging Regulation |
| EC | European Commission |
| EU | European Union |
| US | United States |
| CAS | Chemical Abstract Service |
| EINECS | European Inventory of Existing Chemical Substances |
| REACH | Registration, Evaluation, Authorization of Chemicals Regulation |
| GHS | Globally Harmonized System of Classification and Labeling of Chemicals |
| LTEL | Long term exposure limit |
| STEL | Short term exposure limit |
| OEL | Occupational exposure limit |
| ppm | Parts per million |
| mg/m3 | Milligrams per cubic meter |
| TLV | Threshold Limit Value |
| ACGIH | American Conference of Governmental Industrial Hygienists |
| OSHA | Occupational Safety & Health Administration |
| PEL | Permissible Exposure Limits |

| | |
|--------|---|
| VOC | Volatile organic compounds |
| g/l | Grams per liter |
| mg/kg | Milligrams per kilogram |
| N/A | Not applicable |
| LD50 | Lethal dose at 50% |
| LC50 | Lethal concentration at 50% |
| EC50 | Half maximal effective concentration |
| IC50 | Half maximal inhibitory concentration |
| PBT | Persistent bioaccumulative toxic chemical |
| vPvB | Very persistent and very bioaccumulative |
| EEC | European Economic Community |
| ADR | International Transport of Dangerous Goods by Road |
| RID | International Transport of Dangerous Goods by Rail |
| UN | United Nations |
| IMDG | International Maritime Dangerous Goods Code |
| IATA | International Air Transport Association |
| MARPOL | International Convention for the Prevention of Pollution From Ships, 1973 as modified by the Protocol of 1978 |
| IBC | International Bulk Container |
| RTI | Respiratory Tract Irritation |
| NE | Narcotic Effects |

For further information, please contact: Technical Services Department

The information on this sheet corresponds to our present knowledge. It is not a specification and it does not guarantee specific properties. The information is intended to provide general guidance as to health and safety based upon our knowledge of the handling, storage, and use of the product. It is not applicable to unusual or non-standard uses of the product or where instructions and recommendations are not followed.