

**D44WL Anaerobic****SECTION 1: Identification of the substance/mixture and of the company/undertaking****1.1 Product identifier**

Trade name: D44WL Anaerobic

**1.2 Relevant identified uses of the substance or mixture and uses advised against**General use: Anaerobic adhesive.  
Reserved for industrial and professional use.**1.3 Details of the supplier of the safety data sheet**Company name: Delta Adhesives Limited  
Place: Units 39-40 Claycliffe Business Park, Barnsley, S75 1JU United Kingdom  
Telephone: +44 (0)1226 381571  
Internet: [www.delta-adhesives.co.uk](http://www.delta-adhesives.co.uk)  
Responsible Department: sales@delta-adhesives.co.uk**1.4 Emergency telephone number**

+44 (0)1226 381571 (Mo-Fr, 08:00-16:00)

**SECTION 2: Hazards identification****2.1 Classification of the substance or mixture****Classification according to EC regulation 1272/2008 (CLP)**

This mixture is classified as not hazardous.

**2.2 Label elements****Labelling (CLP)**

Hazard statements: not applicable

Precautionary statements: not applicable

**Special labelling**

EUH210 Safety data sheet available on request.

**2.3 Other hazards**

Special danger of slipping by leaking/spilling product.

Endocrine disrupting properties, Results of PBT and vPvB assessment:

No data available

**SECTION 3: Composition/information on ingredients**

3.1 Substances: not applicable

**3.2 Mixtures**

Hazardous ingredients:

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Identifiers	Designation Classification	Content
REACH 01-2119529241-49-xxxx EC No. 248-258-5 CAS 27138-31-4	Oxydipropyl dibenzoate Aquatic Chronic 3; H412.	< 15 %

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

### SECTION 4: First aid measures

#### 4.1 Description of first aid measures

In case of inhalation:	If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing. Seek medical attention if problems persist.
Following skin contact:	Remove residues with soap and water. Take off contaminated clothing and wash it before reuse. In case of skin reactions, consult a physician.
After eye contact:	Immediately flush eyes with plenty of flowing water for 10 to 15 minutes holding eyelids apart. Remove contact lenses, if present and easy to do. Continue rinsing. In case of troubles or persistent symptoms, consult an ophthalmologist.
After swallowing:	Rinse mouth. Never give anything by mouth to an unconscious person. Seek medical attention.

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

No data available

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

Treat symptomatically.

### SECTION 5: Firefighting measures

#### 5.1 Extinguishing media

Suitable extinguishing media: Water spray jet, foam, extinguishing powder, carbon dioxide.

Extinguishing media which must not be used for safety reasons:

Full water jet

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

Combustible. May form dangerous gases and vapours in case of fire.  
Furthermore, there may develop: Nitrogen oxides, sulphur oxides, carbon monoxide and carbon dioxide.

#### 5.3 Advice for firefighters

Special protective equipment for firefighters:

Wear self-contained positive pressure breathing apparatus and full firefighting protective clothing.

Additional information:

Hazchem-Code: -

Do not allow fire water to penetrate into surface or ground water.

### SECTION 6: Accidental release measures

#### 6.1 Personal precautions, protective equipment and emergency procedures

Avoid breathing mist/vapours/spray. Provide adequate ventilation. Avoid contact with the substance. Wear appropriate protective equipment. Take off contaminated clothing and wash it before reuse.

**D44WL Anaerobic****6.2 Environmental precautions**

Do not allow to enter into ground-water, surface water or drains.  
If necessary notify appropriate authorities.

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

Absorb with liquid-binding material (e.g. sand, diatomaceous earth, acid- or universal binding agents) and place in closed containers for disposal.  
Never return spills in original containers for re-use.

Additional information: Special danger of slipping by leaking/spilling product.

**6.4 Reference to other sections**

Refer additionally to section 8 and 13.

**SECTION 7: Handling and storage****7.1 Precautions for safe handling**

Advices on safe handling: Provide adequate ventilation, and local exhaust as needed. Avoid breathing mist/vapours/spray. Do not get in eyes, on skin, or on clothing. Wear appropriate protective equipment.  
Do not eat, drink or smoke when using this product. Wash hands thoroughly after handling.  
Take off contaminated clothing and wash it before reuse.

Precautions against fire and explosion:

Keep away from heat.  
When handling larger quantities, take precautionary measures against electrostatic charging.

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

Requirements for storerooms and containers:

Keep container tightly closed and in a well-ventilated place.  
Keep container dry. Keep only in the original container.  
Protect from heat and direct sunlight.  
Store containers in upright position.

Hints on joint storage:

Keep away from strong oxidizing agents.  
Keep away from food, drink and animal feedingstuffs.

**7.3 Specific end use(s)**

No information available.

**SECTION 8: Exposure controls/personal protection****8.1 Control parameters**

Additional information: Contains no substances with occupational exposure limit values.

DNEL/DMEL:

Information about Oxydipropyl dibenzoate:

DNEL Long-term, workers, systemic, inhalative: 8.8 mg/m<sup>3</sup>  
DNEL Long-term, workers, systemic, dermal: 10 mg/kg bw/d  
DNEL Short-term, workers, systemic, inhalative: 35.08 mg/m<sup>3</sup>  
DNEL Short-term, workers, systemic, dermal: 170 mg/kg bw/d  
DNEL Long-term, consumer, systemic, inhalative: 8.69 mg/m<sup>3</sup>  
DNEL Long-term, consumer, systemic, dermal: 2.5 mg/kg bw/d  
DNEL Long-term, consumer, systemic, oral: 5 mg/kg bw/d  
DNEL Short-term, consumer, systemic, inhalative: 8.7 mg/m<sup>3</sup>  
DNEL Short-term, consumer, systemic, dermal: 80 mg/kg bw/d  
DNEL Short-term, consumer, systemic, oral: 80 mg/kg bw/d

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PNEC: Information about Oxydipropyl dibenzoate:  
PNEC water (freshwater): 0.02 mg/L  
PNEC water (marine water): 0.002 mg/L  
PNEC sediment (freshwater): 8.03 mg/kg dw  
PNEC sediment (marine water): 0.803 mg/kg dw  
PNEC soil: 1 mg/kg dw  
PNEC sewage treatment plant: 10 mg/L  
PNEC oral: 333 mg/kg Food

**8.2 Exposure controls**

Provide good ventilation and/or an exhaust system in the work area.

**Personal protection equipment****Occupational exposure controls**

Respiratory protection: In case of inadequate ventilation wear respiratory protection. The filter class must be suitable for the maximum contaminant concentration (gas/vapour/aerosol/particulates) that may arise when handling the product.

Hand protection: Protective gloves according to EN 374.  
Glove material: Nitrile rubber  
Breakthrough time: < 8 h  
Layer thickness: > 0.56 mm  
Observe glove manufacturer's instructions concerning penetrability and breakthrough time.

Eye protection: Tightly sealed goggles according to EN 166.

Body protection: Wear suitable protective clothing.

General protection and hygiene measures:  
Avoid breathing mist/vapours/spray. Do not get in eyes, on skin, or on clothing. Do not eat, drink or smoke when using this product. Wash hands thoroughly after handling. Take off contaminated clothing and wash it before reuse.

**Environmental exposure controls**

Refer to "6.2 Environmental precautions".

**SECTION 9: Physical and chemical properties****9.1 Information on basic physical and chemical properties**

Appearance: Physical state at 20 °C and 101.3 kPa: liquid  
Colour: purple

Odour: No data available  
Odour threshold: No data available

pH: No data available

Melting point/freezing point: No data available  
Initial boiling point and boiling range: No data available  
Flash point/flash point range: No data available  
Evaporation rate: No data available

Flammability: No data available  
Explosion limits: No data available

Vapour pressure: No data available  
Vapour density: No data available  
Density: 1.08 g/mL

Solubility: No data available  
Partition coefficient: n-octanol/water: No data available

Auto-ignition temperature: No data available  
Decomposition temperature: No data available

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Viscosity, dynamic: 800 - 1500 mPa\*s  
Explosive properties: No data available  
Oxidizing characteristics: No data available

### 9.2 Other information

Additional information: No data available

## SECTION 10: Stability and reactivity

### 10.1 Reactivity

Refer to subsection "Possibility of hazardous reactions".

### 10.2 Chemical stability

Stable under recommended storage conditions.

### 10.3 Possibility of hazardous reactions

No hazardous reaction when handled and stored according to provisions.

### 10.4 Conditions to avoid

Keep away from heat sources, sparks and open flames.  
Protect from direct sunlight.

### 10.5 Incompatible materials

Strong oxidizing agents

### 10.6 Hazardous decomposition products

Thermal decomposition: No hazardous decomposition products when regulations for storage and handling are observed.  
No data available

## SECTION 11: Toxicological information

### 11.1 Information on toxicological effects

Toxicological effects: Acute toxicity (oral): Lack of data.  
Acute toxicity (dermal): Lack of data.  
Acute toxicity (inhalative): Lack of data.  
Skin corrosion/irritation: Lack of data.  
Serious eye damage/irritation: Lack of data.  
Sensitisation to the respiratory tract: Lack of data.  
Skin sensitisation: Lack of data.  
Germ cell mutagenicity/Genotoxicity: Lack of data.  
Carcinogenicity: Lack of data.  
Reproductive toxicity: Lack of data.  
Effects on or via lactation: Lack of data.  
Specific target organ toxicity (single exposure): Lack of data.  
Specific target organ toxicity (repeated exposure): Lack of data.  
Aspiration hazard: Lack of data.

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**SECTION 12: Ecological information****12.1 Toxicity**

Aquatic toxicity: Information about Oxydipropyl dibenzoate:  
Fish toxicity: Pimephales promelas (fathead minnow)  
LC50: 3.7 mg/L/96h  
NOEC: 1.2 mg/L/96h  
Daphnia toxicity: Daphnia magna (Big water flea)  
EL50: 19.3 mg/L/48h  
Algae toxicity: Pseudokirchneriella subcapitata (green algae)  
EL50: 1.1 mg/L/72h

**12.2 Persistence and degradability**

Further details: No data available

**12.3 Bioaccumulative potential**

Partition coefficient: n-octanol/water:  
No data available

**12.4 Mobility in soil**

No data available

**12.5 Results of PBT and vPvB assessment**

No data available

**12.6 Other adverse effects**

General information: Do not allow to enter into ground-water, surface water or drains.

**SECTION 13: Disposal considerations****13.1 Waste treatment methods****Product**

Waste key number: 08 04 10 = Waste adhesives and sealants other than those mentioned in 08 04 09  
Recommendation: Dispose of waste according to applicable legislation.

**Package**

Recommendation: Dispose of waste according to applicable legislation. Non-contaminated packages may be recycled.

**SECTION 14: Transport information****14.1 UN number**

ADR/RID, IMDG, IATA-DGR: not applicable

**14.2 UN proper shipping name**

ADR/RID, IMDG, IATA-DGR: Not restricted

**14.3 Transport hazard class(es)**

ADR/RID, IMDG, IATA-DGR: not applicable

**14.4 Packing group**

ADR/RID, IMDG, IATA-DGR: not applicable

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Marine pollutant: NO

**14.6 Special precautions for user**

No dangerous good in sense of these transport regulations.

**14.7 Transport in bulk according to Annex II of Marpol and the IBC Code**

No data available

**SECTION 15: Regulatory information****15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture****National regulations - Great Britain**Hazchem-Code: -  
No data available**15.2 Chemical Safety Assessment**

For this mixture a chemical safety assessment is not required.

**SECTION 16: Other information****Further information**

Wording of the H-phrases under paragraph 2 and 3:

H412 = Harmful to aquatic life with long lasting effects.  
EUH210 = Safety data sheet available on request.

Abbreviations and acronyms:

- ADN: European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways
- ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road
- Aquatic Chronic: Hazardous to the aquatic environment - chronic
- AS/NZS: Australian Standards/New Zealand Standards
- CAS: Chemical Abstracts Service
- CFR: Code of Federal Regulations
- CLP: Classification, Labelling and Packaging
- DMEL: Derived minimal effect level
- DNEL: Derived no-effect level
- EC: European Community
- EL50: Effective loading rate 50%
- EN: European Standard
- EQ: Excepted quantities
- IATA: International Air Transport Association
- IATA-DGR: International Air Transport Association – Dangerous Goods Regulations
- IBC Code: International Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk
- IMDG Code: International Maritime Dangerous Goods Code
- LC50: Median lethal concentration
- MARPOL: Maritime Pollution: The International Convention for the Prevention of Pollution from Ships
- NOEC: No Observed Effect Concentration
- OSHA: Occupational Safety and Health Administration
- PBT: Persistent, bioaccumulative and toxic
- PNEC: Predicted no-effect concentration
- RID: Regulations Concerning the International Carriage of Dangerous Goods by Rail
- TRGS: Technical Rules for Hazardous Substances
- vPvB: Very persistent and very bioaccumulative

**Department issuing data sheet**

Contact person: see section 1: Department responsible for information

The information in this data sheet has been established to our best knowledge and was up-to-date at time of revision. It does not represent a guarantee for the properties of the product described in terms of the legal warranty regulations.