

SAFETY DATA SHEET

according to Regulation (EC) No 1907/2006 (REACH) and Regulation (EU) 2020/878

Etra Anaerobic Adhesives

Material number Etra_Anaerobic_Adhesives

Version: 2.0
Replaces version: 1.0

Revision date: 14/1/2025
Date of print: 24/3/2026

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

1.1 Product identifier

Trade name: Etra Anaerobic Adhesives

This safety data sheet pertains to the following products:

10340012174 Etra Threadlock E-1243, 50ml

10340012175 Etra All-in-One Sealant, 50ml

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

General use: Adhesive, sealant

1.3 Details of the supplier of the safety data sheet

Company name: Etra Oy
Street/POB-No.: Lampputie 2
Postal Code, city: FI-00740 Helsinki
WWW: www.etra.fi
E-mail: kemikaalit@etra.fi
Telephone: +358 20 765 7220

Department responsible for information:
Etra Chemicals
Telephone: +358 20 765 7220
E-mail: kemikaalit@etra.fi

1.4 Emergency telephone number

GIZ-Nord, Göttingen, Germany,
Telephone: +49 551-19240

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

2.3 Other hazards

Special danger of slipping by leaking/spilling product.

Endocrine disrupting properties, Results of PBT and vPvB assessment:

No data available

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SECTION 3: Composition/information on ingredients

3.1 Substances: not applicable

3.2 Mixtures

Chemical characterisation: Mixture of the substances listed below with non-hazardous additions:

Hazardous ingredients:

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.

Additional information: Contains Silicon dioxide, Titanium dioxide. The maximum workplace exposure limits are, where necessary, listed in section 8.

SECTION 4: First aid measures

4.1 Description of first aid measures

In case of inhalation: Move victim to fresh air; if necessary, provide artificial respiration or oxygen. Make sure he/she is warm and comfortable. Seek medical treatment in case of troubles.

Following skin contact: Immediately clean with water and soap followed by thorough rinsing. 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 eye irritation consult an ophthalmologist.

After swallowing: Rinse mouth immediately and drink plenty of water. Do not induce vomiting. 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

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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: Hydrogen fluoride, 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:

Move undamaged containers from immediate hazard area if it can be done safely. Do not allow fire water to penetrate into surface or ground water. Use water spray jet to minimise or disperse vapours.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Provide adequate ventilation. Avoid breathing mist/vapours/spray. Wear appropriate protective equipment. Take off contaminated clothing and wash it before reuse. Avoid contact with skin and eyes. Keep unprotected people away.

6.2 Environmental precautions

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

6.3 Methods and material for containment and cleaning up

Soak up with absorbent materials such as sand, siliceous earth, acid- or universal binder. Store in special closed containers and dispose of according to ordinance.

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 contact with skin and eyes. Avoid breathing mist/vapours/spray. Wear appropriate protective equipment. Take off contaminated clothing and wash it before reuse. When using do not eat, drink or smoke. Wash hands thoroughly after handling.

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 dry, tightly closed and store at cool and aired place. Keep only in original container.

Protect from heat and direct sunlight.

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Hints on joint storage: Do not store together with acids, peroxides, copper or 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

Occupational exposure limit values:

CAS No.	Designation	Type	Limit value
7631-86-9	Silicon dioxide	Ireland: 8 hours	2.4 mg/m ³ (Silicon dioxide, amorphous, respirable fraction)
		Ireland: 8 hours	6 mg/m ³ (Silicon dioxide, amorphous, inhalable fraction)
13463-67-7	Titanium dioxide	Ireland: 8 hours	10 mg/m ³ (inhalable fraction)
		Ireland: 8 hours	4 mg/m ³ (respirable fraction)

DNEL/DMEL:

Information about Oxydipropyl dibenzoate:

DNEL Long-term, workers, systemic, inhalative: 8.8 mg/m³
DNEL Long-term, workers, systemic, dermal: 10 mg/kg bw/d
DNEL Short-term, workers, systemic, inhalative: 35.08 mg/m³
DNEL Short-term, workers, systemic, dermal: 170 mg/kg bw/d
DNEL Long-term, consumer, systemic, inhalative: 8.69 mg/m³
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/m³
DNEL Short-term, consumer, systemic, dermal: 80 mg/kg bw/d
DNEL Short-term, consumer, systemic, oral: 80 mg/kg bw/d

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.

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Personal protection equipment

Occupational exposure controls

- Respiratory protection: Respiratory protection must be worn whenever the WEL levels have been exceeded. Particulates filter P2 according to EN 143. 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 I.S. EN ISO 374-1. Glove material: Nitrile rubber. Layer thickness: > 0.56 mm. Breakthrough time: < 8 h. Observe glove manufacturer's instructions concerning penetrability and breakthrough time.
- Eye protection: Tightly sealed goggles according to I.S. EN ISO 16321-1.
- Body protection: Wear suitable protective clothing.
- General protection and hygiene measures: Avoid breathing mist/vapours/spray. Take off contaminated clothing and wash it before reuse. Wash hands thoroughly after handling. When using do not eat, drink or smoke. Avoid contact with skin and eyes.

Environmental exposure controls

Refer to "6.2 Environmental precautions".

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Physical state at 20 °C and 101.3 kPa	liquid
Colour:	varying, depends on colouring
Odour:	characteristic
Odour threshold:	No data available
Melting point/freezing point:	No data available
Initial boiling point and boiling range:	No data available
Flammability:	No data available
Upper/lower flammability or explosive limits:	No data available
Flash point/flash point range:	> 60 °C
Decomposition temperature:	No data available
pH:	No data available
Viscosity, kinematic:	No data available
Solubility:	No data available
Partition coefficient: n-octanol/water:	No data available
Vapour pressure:	No data available
Density:	No data available
Vapour density:	No data available
Particle characteristics:	Not applicable

9.2 Other information

Explosive properties:	No data available
Oxidizing characteristics:	No data available

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Auto-ignition temperature: No data available

Evaporation rate: No data available

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

Exothermic polymerization may occur.

10.4 Conditions to avoid

Avoid high temperatures or direct sunlight.

10.5 Incompatible materials

Acids, peroxides, copper, strong oxidizing agents.

10.6 Hazardous decomposition products

No decomposition when used properly.

Thermal decomposition: No data available

SECTION 11: Toxicological information

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

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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11.2 Information on other hazards

Endocrine disrupting properties:

No data available

Other information:

No data available

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 Endocrine disrupting properties

No data available

12.7 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.

Do not dispose of with household waste.

Do not empty into drains.

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Package

Recommendation: Dispose of waste according to applicable legislation. Handle contaminated packages in the same way as the substance itself.

Section 14. Transport information

14.1 UN number or ID 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

14.5 Environmental hazards

Dangerous for the environment:
Substance/mixture is not environmentally hazardous according to the criteria of the UN model regulations.

Marine pollutant: no

14.6 Special precautions for user

No dangerous good in sense of these transport regulations.

14.7 Maritime transport in bulk according to IMO instruments

No data available

SECTION 15: Regulatory information

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

National regulations - EC member states

Further regulations, limitations and legal requirements:
No data available

15.2 Chemical Safety Assessment

For this mixture a chemical safety assessment is not required.

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SECTION 16: Other information

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

H412 = Harmful to aquatic life with long lasting effects.

Reason of change: Changes in section 1: Product identifier
Changes in section 14: ADN 2025
General revision

Date of first version: 23/7/2024

Department issuing data sheet:
see section 1: Department responsible for information

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%
EmS: Emergency Response Procedures for Ships Carrying Dangerous Goods
EN: European Standard
EQ: Excepted quantities
EU: European Union
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
IMO: International Maritime Organization
LC50: Median lethal concentration
MARPOL: Maritime Pollution: The International Convention for the Prevention of Pollution from Ships
NOEC: No Observed Effect Concentration
OEL: Occupational Exposure Limit Value
OSHA: Occupational Safety and Health Administration
PBT: Persistent, bioaccumulative and toxic
PNEC: Predicted no-effect concentration
REACH: Registration, Evaluation, Authorisation and Restriction of Chemicals
RID: Regulations Concerning the International Carriage of Dangerous Goods by Rail
TLV: Threshold Limit Value
TRGS: Technical Rules for Hazardous Substances
vPvB: Very persistent and very bioaccumulative
WEL: Workplace Exposure Limit

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.