Acrovyn® Adhesive *ECO1*

Safety Data Sheet dated: 24/06/2026 - version 1
Date of first edition: 24/06/2026

Section 1. Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Product name: **Acrovyn Adhesive *ECO1***

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

Recommended use: Adhesive
Uses advised against: Data not available

1.3. Details of the supplier of the safety data sheet

Supplier: CS France
135 Rue Edouard Isambard, B.P. 66, 27120 Pacy-sur-Eure Cedex, France
Tel: + 33 2 32 67 00 00

Responsible: Not available

1.4. Emergency telephone number

For information for allergic people, please call 111.

Section 2. Hazards identification

2.1. Classification of the substance or mixture

Regulation (EC) n. 1272/2008 (CLP)
The product is not classified as dangerous according to Regulation EC 1272/2008 (CLP).
Adverse physicochemical, human health and environmental effects: No other hazards.

2.2. Label elements

The product is not classified as dangerous according to Regulation EC 1272/2008 (CLP).

Special provisions:

EUH208 Contains 1,2-benzisothiazol-3(2H)-one; 1,2-benzisothiazolin-3-one. May produce an allergic reaction.

EUH208 Contains reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7] and 2-methyl-2H-isothiazol-3-one [EC no. 220-239-6] (3:1). May produce an allergic reaction.

EUH210 Safety data sheet available on request.

Special provisions according to Annex XVII of REACH and subsequent amendments:

None

2.3. Other hazards

No PBT, vPvB or endocrine disruptor substances present in concentration >= 0.1%
Other hazards: No other hazards

Section 3. Composition/information on ingredients

3.1. Substances

Not relevant

3.2. Mixtures

Mixture identification: **Acrovyn Adhesive *ECO1***

Hazardous components within the meaning of CLP regulation and related classification:

Quantity	Name	Ident. Number	Classification	Registration Number
≥1 - <2.5 %	Reaction mass of ethylenebis(oxyethylene) dibenzoate and oxydiethylene dibenzoate and oxydipropyl dibenzoate	**EC:** 907-434-8	Aquatic Chronic 3, H412	01-2119535193-44-XXXX
≥0.01 - <0.016 %	1,2-benzisothiazol-3(2H)-one; 1,2- benzisothiazolin-3-one	**CAS:** 2634-33-5 **EC:** 220-120-9 **Index:** 613-088-00-6	Acute Tox. 2, H330; Skin Irrit. 2, H315; Eye Dam. 1, H318; Skin Sens. 1A, H317; Aquatic Acute 1, H400; Aquatic Chronic 1, H410; Acute Tox. 4, H302, M-Chronic: 1, M-Acute: 1 **Specific Concentration Limits:** C ≥ 0.036%: Skin Sens. 1A H317 **Acute Toxicity Estimate:** ATE - Oral: 450 mg/kg bw ATE - Inhalation (Dust/mist): 0.21 mg/l	01-2120761540-60-XXXX
≥0.001 - <0.0015 %	Reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7] and 2-methyl-2H -isothiazol-3-one [EC no. 220-239-6] (3:1)	**CAS:** 55965-84-9 **EC:** 611-341-5 **Index:** 613-167-00-5	Aquatic Acute 1, H400; Aquatic Chronic 1, H410; Acute Tox. 3, H301; Skin Corr. 1C, H314; Skin Sens. 1A, H317; Acute Tox. 2, H310; Acute Tox. 2, H330; Eye Dam. 1, H318, M-Chronic: 100, M-Acute: 100, EUH071 **Specific Concentration Limits:** C ≥ 0.6%: Skin Corr. 1C H314 0.06% ≤ C < 0.6%: Skin Irrit. 2 H315 C ≥ 0.6%: Eye Dam. 1 H318 0.06% ≤ C < 0.6%: Eye Irrit. 2 H319 C ≥ 0.0015%: Skin Sens. 1A H317	N.A.

Section 4. First aid measures

4.1. Description of first aid measures

In case of skin contact:

Wash with plenty of water and soap.

In case of eye contact:

Wash immediately with water.

In case of ingestion:

Do not induce vomiting, get medical attention showing the SDS and the hazard label.

In case of inhalation:

Remove casualty to fresh air and keep warm and at rest.

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

Not available

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

Treatment: Not available

(see paragraph 4.1)

Section 5. Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media:

Water.

Carbon dioxide (CO2).

Extinguishing media which must not be used for safety reasons:

None in particular.

5.2. Special hazards arising from the substance or mixture

Do not inhale explosion and combustion gases.

Burning produces heavy smoke.

5.3. Advice for firefighters

Use suitable breathing apparatus.

Collect contaminated fire extinguishing water separately. This must not be discharged into drains.

Move undamaged containers from immediate hazard area if it can be done safely.

Section 6. Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

For emergency personnel:

Wear personal protection equipment.
Remove persons to safety.
See protective measures under point 7 and 8.

For emergency responders:

Wear personal protection equipment.

6.2. Environmental precautions:

Do not allow to enter into soil/subsoil. Do not allow to enter into surface water or drains.
Limit leakages with earth or sand.
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

Suitable material for taking up: absorbing material, organic, sand.
Wash with plenty of water.
Retain contaminated washing water and dispose it.

6.4. Reference to other sections

See also section 8 and 13.

Section 7. Handling and storage

7.1. Precautions for safe handling

Avoid contact with skin and eyes, inhalation of vapours and mists.
Do not eat or drink while working.
See also section 8 for recommended protective equipment.

Advice on general occupational hygiene:

7.2. Conditions for safe storage, including any incompatibilities

Keep away from food, drink and feed.

Incompatible materials:

None in particular.

Instructions as regards storage premises:

Adequately ventilated premises.

7.3. Specific end use(s)

Recommendation(s):

None in particular.

Industrial sector specific solutions:

None in particular.

Section 8. Exposure controls/personal protection

8.1. Control parameters

Predicted No Effect Concentration (PNEC) values:

Reaction mass of ethylenebis (oxyethylene) dibenzoate and oxydiethylene dibenzoate and oxydipropyl dibenzoate	Exposure Route: Fresh water; PNEC Limit: 0.0029 mg/l Exposure Route: Marine water; PNEC Limit: 0.00029 mg/l Exposure Route: Intermittent release; PNEC Limit: 0.029 mg/l Exposure Route: Freshwater sediments; PNEC Limit: 0.0263 mg/kg Exposure Route: Marine water sediments; PNEC Limit: 0.0263 mg/kg Exposure Route: Soil; PNEC Limit: 1 mg/kg Exposure Route: Microorganisms in sewage treatments; PNEC Limit: 10 mg/l Exposure Route: Oral; PNEC Limit: 333 mg/kg

Derived No Effect Level (DNEL) values:

Reaction mass of ethylenebis (oxyethylene) dibenzoate and oxydiethylene dibenzoate and oxydipropyl dibenzoate	Exposure Route: Human Dermal; Exposure Frequency: Short term, systemic health effects Worker Industry: 160 mg/kg; Consumer: 8 mg/kg Exposure Route: Human Inhalation; Exposure Frequency: Short term, systemic health effects Worker Industry: 35.08 mg/m^3; Consumer: 8.7 mg/m^3 Exposure Route: Human Dermal; Exposure Frequency: Long term, systemic health effects Worker Industry: 1.7 mg/kg; Consumer: 0.8 mg/kg Exposure Route: Human Inhalation; Exposure Frequency: Long term, systemic health effects Worker Industry: 5.8 mg/m^3; Consumer: 1.4 mg/m^3 Exposure Route: Human Oral; Exposure Frequency: Short term, systemic health effects Consumer: 80 mg/kg Exposure Route: Human Oral; Exposure Frequency: Long term, systemic health effects Consumer: 0.8 mg/kg

8.2. Exposure controls

Eye protection:

Not needed for normal use. Anyway, operate according good working practices.

Protection for skin:

No special precaution must be adopted for normal use.

Protection for hands:

Suitable materials for safety gloves; EN ISO 374:
Polychloroprene - CR: thickness >= 0.5 mm; breakthrough time >= 480 min.
Nitrile rubber - NBR: thickness >= 0.35 mm; breakthrough time >= 480 min.
Butyl rubber - IIR: thickness >= 0.5 mm; breakthrough time >= 480 min.
Fluorinated rubber - FKM: thickness >= 0.4 mm; breakthrough time >= 480 min.

Respiratory protection:

Personal Protective Equipment should comply with relevant CE standards (as EN ISO 374 for gloves and EN ISO 166 for goggles), correctly maintained and stored.
Consult the supplier to check the suitability of equipment against specific chemicals and for user information.
Not needed for normal use. Anyway, operate according good working practices.

Hygienic and technical measures:

Not available.

Appropriate engineering controls:

Not available.

Section 9. Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state: Liquid

Appearance: Paste

Colour: Beige

Odour: Characteristic

Odour threshold: Not available

Melting point / freezing point: 0 °C (32 °F)

Boiling point or initial boiling point and boiling range: 100 °C (212 °F)

Flammability: N.A.

Lower and upper explosive limits: Not available

Flash point: Not available

Auto-ignition temperature: Not available

Decomposition temperature: Not available

pH: 8.0

pH (water dispersion, 10%): 8.0

Viscosity: 80,000.00 cPs

Kinematic viscosity: > 20.5 mm^2/s (40 °C)

Solubility in water: dispersible

Solubility in oil: insoluble

Partition coefficient n-octanol/water (log value): Not available

Vapour pressure: 2.34 kPa
Density and/or relative density: 1.35 g/cm^3
Relative vapour density: 0.017
Particle characteristics:
Particle size: Not available

9.2. Other information

Miscibility: Not available
Conductivity: Not available
Explosive properties: Not available
No other relevant information.

Section 10. Stability and reactivity

10.1 Reactivity

Stable under normal conditions

10.2. Chemical stability

Stable under normal conditions

10.3. Possibility of hazardous reactions

None.

10.4. Conditions to avoid

Stable under normal conditions.

10.5. Incompatible materials

None in particular.

10.6. Hazardous decomposition products

None.

Section 11. Toxicological information

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

Toxicological information of the preparation

A. Acute toxicity
Not classified
Based on available data, the classification criteria are not met
B. Skin corrosion/irritation
Not classified
Based on available data, the classification criteria are not met
C. Serious eye damage/irritation
Not classified
Based on available data, the classification criteria are not met
D. Respiratory or skin sensitization
Not classified
Based on available data, the classification criteria are not met
E. Germ cell mutagenicity
Not classified
Based on available data, the classification criteria are not met
F. Carcinogenicity
Not classified
Based on available data, the classification criteria are not met
G. Reproductive toxicity
Not classified
Based on available data, the classification criteria are not met
H. STOT-single exposure
Not classified
Based on available data, the classification criteria are not met
I. STOT-repeated exposure
Not classified
Based on available data, the classification criteria are not met

J. Aspiration hazard

Not classified

Based on available data, the classification criteria are not met

Toxicological information on main components of the mixture:

Reaction mass of ethylenebis (oxyethylene) dibenzoate and oxydiethylene dibenzoate and oxydipropyl dibenzoate	A. Acute toxicity	LD50 Skin Rat > 2000 mg/kg
1,2-benzisothiazol-3(2H)-one; 1,2-benzisothiazolin-3-one	A. Acute toxicity	ATE – Oral: 450 mg/kg bw ATE - Inhalation (dust/mist): 0.21 mg/l LD50 Oral Rat = 670 mg/kg
Reaction mass of 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7] and 2-methyl-2H -isothiazol-3-one [EC no. 220-239-6] (3:1)	A. Acute toxicity	LC50 Inhalation Rat = 2.36 mg/l – 4 h LD50 Skin Rabbit = 660 mg/kg LD50 Oral Rat = 53 mg/kg

11.2. Information on other hazards

Endocrine disrupting properties:

No endocrine disruptor substances present in concentration >= 0.1%

Section 12. Ecological information

12.1. Toxicity

Adopt good working practices, so that the product is not released into the environment.

Eco-Toxicological Information:

List of Eco-Toxicological properties of the product

Not classified for environmental hazards.

Based on available data, the classification criteria are not met

List of Eco-Toxicological properties of the components:

Component	Identification Number	Ecotox Data
Reaction mass of ethylenebis(oxyethylene) dibenzoate and oxydiethylene dibenzoate and oxydipropyl dibenzoate	**EINECS:** 907-434-8	b) Aquatic chronic toxicity: NOEC Fish = 0.17 mg/L – 28 d b) Aquatic chronic toxicity: NOEC Daphnia = 1.7 mg/L – 28 d
1,2-benzisothiazol-3(2H)-one; 1,2-benzisothiazolin-3-one	**CAS:** 2634-33-5 **EINECS:** 220-120-9 **INDEX:** 613-088-00-6	a) Aquatic acute toxicity: LC50 Fish = 2.15 mg/L b) Aquatic chronic toxicity: NOEC Algae = 0.0403 mg/L – 72 h b) Aquatic chronic toxicity: EC50 Algae = 0.11 mg/L – 72 h b) Aquatic chronic toxicity: EC10 Algae = 0.04 mg/L – 72 h b) Aquatic chronic toxicity: EC50 Daphnia = 3.27 mg/L – 48 h b) Aquatic chronic toxicity: NOEC Daphnia = 1.2 mg/L – 21 d
Reaction mass of 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7] and 2-methyl-2H -isothiazol-3-one [EC no. 220-239-6] (3:1)	**CAS:** 55965-84-9 **EINECS:** 611-341-5 **INDEX:** 613-167-00-5	a) Aquatic acute toxicity: EC50 Daphnia = 0.12 mg/L – 48 h a) Aquatic acute toxicity: LC50 Fish = 0.22 mg/L – 96 h a) Aquatic acute toxicity: EC50 Algae = 0.0052 mg/L – 48 h b) Aquatic chronic toxicity: NOEC Algae = 0.00049 mg/L b) Aquatic chronic toxicity: NOEC Fish = 0.098 mg/L – 28 d b) Aquatic chronic toxicity: NOEC Daphnia = 0.004 mg/L – 21 d

12.2. Persistence and degradability

Component	Persistence/Degradability
1,2-benzisothiazol-3(2H)-one; 1,2-benzisothiazolin-3-one	Readily biodegradable

12.3. Bioaccumulative potential

N.A.

12.4. Mobility in soil

N.A.

12.5. Results of PBT and vPvB assessment

No PBT, vPvB or endocrine disruptor substances present in concentration >= 0.1%

12.6. Endocrine disrupting properties

No endocrine disruptor substances present in concentration >= 0.1%

12.7. Other adverse effects

Not available

Section 13. Disposal considerations

13.1. Waste treatment methods

The generation of waste should be avoided or minimized wherever possible. Recover if possible.
A waste code (EWC) according to European List of Waste (LoW) cannot be specified, due to dependence on the usage. Contact and send to an authorized waste disposal service.

Methods of disposal:

Disposal of this product, solutions, packaging and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements.
Dispose of surplus and nonrecyclable products via a licensed waste disposal contractor. Do not dispose of waste into sewers.
Clean waste packaging should be recycled when possible and authorized by the authority.

Hazardous waste: No

Disposal considerations:

Do not allow to enter drains or watercourses.
Dispose of product according to all federal, state and local applicable regulations.
If this product is mixed with other wastes, the original waste product code may no longer apply and the appropriate code should be assigned.
Dispose of containers contaminated by the product in accordance with local or national legal provisions. For further information, contact your local waste authority.

Special precautions:

This material and its container must be disposed of in a safe way. Care should be taken when handling untreated empty containers.
Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.
Empty containers or liners may retain some product residues. Do not re-use empty containers.

14. Transport information

Not classified as dangerous in the meaning of transport regulations.

14.1. UN number or ID number

Not applicable

14.2. UN proper shipping name

Not applicable

14.3. Transport hazard class(es)

Not applicable

14.4. Packing group

Not applicable

14.5. Environmental hazards

Not applicable

14.6. Special precautions for user

Not applicable

Road and Rail (ADR-RID):

Not applicable

ADR-Hazard identification number:

Not applicable

Air (IATA):

Not applicable

Sea (IMDG):

Not applicable

14.7. Maritime transport in bulk according to IMO instruments

Not applicable

Section 15. Regulatory information

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

Directive 98/24/EC (Risks related to chemical agents at work)
Directive 2000/39/EC (Occupational exposure limit values)
Regulation (EC) n. 1907/2006 (REACH)
Regulation (EU) n. 2020/878

Regulation (EC) n.1272/2008 (CLP)
Regulation (EC) n. 790/2009 (ATP 1 CLP) and (EU) n. 758/2013
Regulation (EU) n. 286/2011 (ATP 2 CLP)
Regulation (EU) n. 618/2012 (ATP 3 CLP)
Regulation (EU) n. 487/2013 (ATP 4 CLP)
Regulation (EU) n. 944/2013 (ATP 5 CLP)
Regulation (EU) n. 605/2014 (ATP 6 CLP)
Regulation (EU) n. 2015/1221 (ATP 7 CLP)
Regulation (EU) n. 2016/918 (ATP 8 CLP)
Regulation (EU) n. 2016/1179 (ATP 9 CLP)
Regulation (EU) n. 2017/776 (ATP 10 CLP)
Regulation (EU) n. 2018/669 (ATP 11 CLP)
Regulation (EU) n. 2018/1480 (ATP 13 CLP)
Regulation (EU) n. 2019/521 (ATP 12 CLP)
Regulation (EU) n. 2020/217 (ATP 14 CLP)
Regulation (EU) n. 2020/1182 (ATP 15 CLP)
Regulation (EU) n. 2021/643 (ATP 16 CLP)
Regulation (EU) n. 2021/849 (ATP 17 CLP)
Regulation (EU) n. 2022/692 (ATP 18 CLP)
Regulation (EU) n. 2023/707
Regulation (EU) n. 2023/1434 (ATP 19 CLP)
Regulation (EU) n. 2023/1435 (ATP 20 CLP)
Regulation (EU) n. 2024/197 (ATP 21 CLP)
Regulation (EU) n. 2024/2564 (ATP 22 CLP)
Regulation (EU) n. 2024/2865
Regulation (EU) n. 2025/1222 (ATP 23 CLP)
Provisions related to directive EU 2012/18 (Seveso III): None

Restrictions related to the product or the substances contained according to Annex XVII Regulation (EC) 1907/2006 (REACH) and subsequent modifications:
Restrictions related to the product: None.
Restrictions related to the substances contained: 28, 40, 72, 75, 77

SVHC Substances:
SVHC substances not present in a concentration ≥ 0.1% (w/w)

National regulations
MAL-kode: 00-1 (1993)
Lagerklasse (TRGS-510): 12 - Non-combustible liquids, that cannot be assigned to any of the aforementioned LGK

German Water Hazard Class.
Class 1: slightly hazardous for water.

Regulation (UE) 2019/1148 (Explosive precursors): Annex II substances contained

15.2. Chemical safety assessment
No Chemical Safety Assessment has been carried out for the mixture.

Section 16. Other information

Code	Description
H302	Harmful if swallowed.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H318	Causes serious eye damage.
H330	Fatal if inhaled.
H400	Very toxic to aquatic life.
H410	Very toxic to aquatic life with long lasting effects.
H412	Harmful to aquatic life with long lasting effects.

Code	Hazard class and hazard category	Description
3.1/2/Inhal	Acute Tox. 2	Acute toxicity (inhalation), Category 2
3.1/4/Oral	Acute Tox. 4	Acute toxicity (oral), Category 4
3.2/2	Skin Irrit. 2	Skin irritation, Category 2
3.3/1	Eye Dam. 1	Serious eye damage, Category 1
3.4.2/1A	Skin Sens. 1A	Skin Sensitisation, Category 1A
4.1/A1	Aquatic Acute 1	Acute aquatic hazard, category 1
4.1/C1	Aquatic Chronic 1	Chronic (long term) aquatic hazard, category 1
4.1/C3	Aquatic Chronic 3	Chronic (long term) aquatic hazard, category 3

If appropriate, specific provisions in relation to possible training for workers are mentioned in section 2. Any training related to safety in the workplace must in any case refer to a risk assessment that must be carried out by a company safety officer taking into account the specific operating and environmental conditions in which the products are used.

This document was prepared by a competent person who has received appropriate training.

Main bibliographic sources:

ECDIN - Environmental Chemicals Data and Information Network - Joint Research Centre, Commission of the European Communities

SAX's DANGEROUS PROPERTIES OF INDUSTRIAL MATERIALS - Eight Edition - Van Nostrand Reinold

The information contained herein is based on our state of knowledge at the above-specified date. It refers solely to the product indicated and constitutes no guarantee of particular quality.

It is the duty of the user to ensure that this information is appropriate and complete with respect to the specific use intended.

This SDS cancels and replaces any preceding release.

Legend to abbreviations and acronyms used in the Safety Data Sheet:

ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road

ATE: Acute Toxicity Estimate

CAS: Chemical Abstracts Service (division of the American Chemical Society)

CE: European Community

CLP: Classification, Labeling, Packaging

CSA: Chemical Safety Assessment

DNEL: Derived No Effect Level

EC50: Half Maximal Effective Concentration

EINECS: European Inventory of Existing Commercial Chemical Substances

IATA: International Air Transport Association

IMDG: International Maritime Code for Dangerous Goods

LC50: Lethal concentration, for 50 percent of test population

LD50: Lethal dose, for 50 percent of test population

N.A.: Not Applicable

N/D: Not defined/ Not available

PBT: Persistent, Bioaccumulative and Toxic

PNEC: Predicted No Effect Concentration

RID: Regulation Concerning the International Transport of Dangerous Goods by Rail

STOT: Specific Target Organ Toxicity

vPvB: Very Persistent, Very Bioaccumulative

WGK: German Water Hazard Class