

PROMIXSEALER PRODUCTS (AL, ALX, ALV)

According to 2001/58/EC

1. IDENTIFICATION OF THE PRODUCT AND OF THE COMPANY

1.1. Product identifier

Product form: Mixture
Trade name: ProMixSealer

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

1.2.1. Relevant identified uses

Main use category: Restricted to professional users
Use of the substance/mixture: adhesives

1.2.2. Uses advised against

No additional information available

Identification of the company

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2. HAZARDS IDENTIFICATION

2.1. Classification of the substance or mixture

Classification according to Regulation (EC) No. 1272/2008 [CLP] Mixtures/Substances: SDS EU > 2015:
According to Regulation (EU) 2015/830, 2020/878 (REACH Annex II)
Not classified

2.2. Label elements

Labelling according to Regulation (EC) No. 1272/2008 [CLP] Extra labelling to display Extra classification(s) to display
Not applicable.

2.3. Other hazards

Other hazards:

Results of PBT and vPvB assessment : Not applicable. Risk of dust explosion.

The mixture does not contain substance(s) included in the list established in accordance with Article 59(1) of REACH for having endocrine disrupting properties, or is not identified as having endocrine disrupting properties in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605

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3. COMPOSITION / INFORMATION ON INGREDIENTS

3.1. Substances

Not applicable

3.2. Mixtures

This mixture does not contain any substances to be mentioned according to the criteria of section 3.2 of REACH Annex II

4. FIRST AID MEASURES

4.1. Description of first aid measures

Additional advice:

First aider: Pay attention to self-protection!. Concerning personal protective equipment to use, see section 8. Never give anything by mouth to an unconscious person. In case of doubt or persistent symptoms, consult always a physician. Show this safety data sheet to the doctor in attendance.

Inhalation:

Remove casualty to fresh air and keep warm and at rest. In case of doubt or persistent symptoms, consult always a physician.

Skin contact:

Remove contaminated clothing and shoes. Gently wash with plenty of soap and water. In case of doubt or persistent symptoms, consult always a physician.

Eyes contact:

Rinse immediately carefully and thoroughly with eye-bath or water. In case of doubt or persistent symptoms, consult always a physician.

Ingestion:

Rinse mouth thoroughly with water. Get medical advice/attention.

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

Inhalation:

Inhalation of dust may cause irritation of the respiratory system.

Skin contact:

Contact with dust may cause mechanical irritation or drying of the skin. The following symptoms may occur: Itching, Redness.

Eyes contact:

Dust may cause painful eye irritation and tearing.

Ingestion:

Health injuries are not known or expected under normal use.

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

5. FIRE FIGHTING MEASURES

5.1. Extinguishing media

Suitable extinguishing media:

carbon dioxide (CO₂), powder, alcohol-resistant foam, water spray.

Unsuitable extinguishing media:

Strong water jet.

5.2. Special hazards arising from the substance or mixture

Specific hazards:

Not flammable. Risk of dust explosion.

Hazardous decomposition products in case of fire:

Silicon oxides.

5.3. Advice for firefighters

Firefighting instructions:

Evacuate area. Use water spray or fog for cooling exposed containers. Contain the extinguishing fluids by bunding. Prevent fire fighting water from entering the environment. Avoid dust formation. Knock down/dilute dust cloud with water spray.

Protection during firefighting:

Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus.

Other information:

Do not allow run-off from fire-fighting to enter drains or water courses. Dispose of waste in accordance with environmental legislation

6. ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedures

6.1.1. For non-emergency personnel

For non-emergency personnel:

Evacuate unnecessary personnel. Keep upwind. Provide adequate ventilation. Wear recommended personal protective equipment. Concerning personal protective equipment to use, see section 8. Do not breathe dust. Avoid contact with skin, eyes and clothing. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Ensure equipment is adequately earthed. Use explosion-proof equipment. Use only non-sparking tools.

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6.1.2. For emergency responders

For emergency responders:

Ensure procedures and training for emergency decontamination and disposal are in place.

Concerning personal protective equipment to use, see section 8.

6.2. Environmental precautions

Do not allow to enter into surface water or drains. Notify authorities if product enters sewers or public waters.

6.3. Methods and material for containment and cleaning up

Methods for cleaning up:

Stop leak if safe to do so. Dam up the solid spill. Take up mechanically (sweeping, shovelling) and collect in suitable container for disposal. Large spills: scoop solid spill into closing containers. This material and its container must be disposed of in a safe way, and as per local legislation. Avoid dust formation. Knock down/dilute dust cloud with water spray.

6.4. Reference to other sections

Concerning personal protective equipment to use, see section 8. Concerning disposal elimination after cleaning, see section 13.

7. HANDLING AND STORAGE

7.1. Precautions for safe handling

Precautions for safe handling:

Provide adequate ventilation. Use personal protective equipment as required. Concerning personal protective equipment to use, see section 8. Do not breathe dust. Avoid contact with skin, eyes and clothing. Take any precaution to avoid mixing with Incompatible materials, Refer to Section 10 on Incompatible Materials. Ensure proper process control to avoid excess waste discharge (temperature, concentration, pH, time). Avoid release to the environment. Avoid dust formation. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Ground/bond container and receiving equipment. Use explosion-proof equipment. Use only non-sparking tools.

Hygiene measures:

Keep good industrial hygiene. Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Do not eat, drink or smoke when using this product. Keep away from food, drink and animal feedingstuffs. Remove contaminated clothes. Separate working clothes from town clothes. Launder separately. Wash contaminated clothing before reuse.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions:

Keep container tightly closed. Store in a dry, cool and well-ventilated place. Protect from moisture. Avoid dust formation.

Incompatible materials:

No information available.

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Heat and ignition sources:

Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

Packaging materials:

Keep only in the original container.

7.3. Specific end use(s)

Reference to other sections : 1.2.

8. EXPOSURE CONTROL / PERSONAL PROTECTION

8.1. Control parameters

Additional information:

Recommended monitoring procedures :. Personal air monitoring. Room air monitoring

8.2. Exposure controls

Engineering measure(s):

Provide adequate ventilation. Organisational measures to prevent /limit releases, dispersion and exposure. See Section 7 for information on safe handling. Apply measures to prevent dust explosions. Ensure equipment is adequately earthed.

Personal protective equipment:

The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.

Hand protection:

Wear chemically resistant gloves (tested to EN374) . Suitable material: Nitrile rubber. Thickness : >= 0,3 mm. Breakthrough time : >= 480'. Breakthrough time : refer to the recommendations of the supplier. The quality of the protective gloves resistant to chemicals must be chosen as a function of the specific working place concentration and quantity of hazardous substances.

Eye protection:

Use suitable eye protection (EN166): Safety glasses with side shields

Body protection:

Wear suitable protective clothing

Respiratory protection:

Not required for normal conditions of use. In case of insufficient ventilation, wear suitable respiratory equipment. Effective dust mask (EN 149). Half-face mask (DIN EN 140). full face mask (DIN EN 136). Filter type: P/FFP2 (EN 143)

Thermal hazard protection:

Not required for normal conditions of use. Use dedicated equipment.

Environmental exposure controls:

Avoid release to the environment. Comply with applicable Community environmental protection legislation.

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9. PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties

Physical state	:	Solid
Appearance	:	Paste.
Colour	:	Not available
Odour	:	odourless.
Odour threshold	:	No data available
pH	:	No data available
pH solution	:	Not available
Relative evaporation rate (butylacetate=1):	:	No data available
Melting / freezing point	:	> 1500 °C
Freezing point	:	No data available
Initial boiling point and boiling range:	:	No data available
Flash point	:	No data available
Auto-ignition temperature	:	No data available
Decomposition temperature	:	No data available
Flammability (solid, gas)	:	Not flammable
Vapour pressure	:	No data available
Vapour density	:	No data available
Relative density	:	No data available
Solubility	:	Water: No data available
Partition coefficient n-octanol/water:	:	No data available
Kinematic viscosity	:	No data available
Dynamic viscosity	:	No data available
Explosive properties	:	Not applicable. The study does not need to be conducted because there are no chemical groups associated with explosive properties present in the molecule.
Oxidising properties	:	Not applicable. The classification procedure needs not to be applied because there are no chemical groups present in the molecule which are associated with oxidising properties.
Explosive limits	:	No data available
Particle size	:	Not available
Particle size distribution	:	Not available
Particle shape	:	Not available
Particle aspect ratio	:	Not available
Particle aggregation state	:	Not available
Particle agglomeration state	:	Not available
Particle specific surface area	:	Not available
Particle dustiness	:	Not available

9.2. Other information

9.2.1. Information with regard to physical hazard classes

No additional information available

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9.2.2. Other safety characteristics

No additional information available

10. STABILITY AND REACTIVITY

10.1. Reactivity

None under normal conditions. Reference to other sections: 10.4 & 10.5.

10.2. Chemical stability

Stable under normal conditions.

10.3. Possibility of hazardous reactions

No dangerous reactions known under normal conditions of use.

10.4. Conditions to avoid

Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Protect from moisture. Avoid dust formation. See Section 7 for information on safe handling.

10.5. Incompatible materials

No information available. See Section 7 for information on safe handling.

10.6. Hazardous decomposition products

Reference to other sections 5.2.

11. TOXICOLOGICAL INFORMATION

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

Acute toxicity:

Not classified (Based on available data, the classification criteria are not met)

Skin corrosion/irritation:

Not classified (Based on available data, the classification criteria are not met)

pH: No data available

Serious eye damage/irritation:

Not classified (Based on available data, the classification criteria are not met)

pH: No data available

Respiratory or skin sensitisation:

Not classified (Based on available data, the classification criteria are not met)

Germ cell mutagenicity:

Not classified (Based on available data, the classification criteria are not met)

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Carcinogenicity:

Not classified (Based on available data, the classification criteria are not met)

Reproductive toxicity:

Not classified (Based on available data, the classification criteria are not met)

STOT-single exposure:

Not classified (Based on available data, the classification criteria are not met)

STOT-repeated exposure:

Not classified (Based on available data, the classification criteria are not met)

Aspiration hazard:

Not classified (Based on available data, the classification criteria are not met)

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Kinematic viscosity	No data available
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Other information:

Symptoms related to the physical, chemical and toxicological characteristics. For further information see section 4.

11.2. Information on other hazards

11.2.1. Endocrine disrupting properties

Adverse health effects caused by endocrine disrupting properties:

Not applicable

11.2.2 Other information

Other information:

Symptoms related to the physical, chemical and toxicological characteristics, For further information see section 4

12. ECOLOGICAL INFORMATION

12.1. Toxicity

Environmental properties:

According to the criteria of the European classification and labelling system, the substance/the product has not to be labelled as "dangerous for the environment".

Hazardous to the aquatic environment, short-term (acute):

Not classified

Hazardous to the aquatic environment, long-term (chronic):

Not classified

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12.2. Persistence and degradability

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Persistence and degradability	No additional information available.
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12.3. Bioaccumulative potential

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Partition coefficient n-octanol/water	No data available
Bioaccumulative potential	No additional information available.

12.4. Mobility in soil

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Mobility in soil	No data available
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12.5. Results of PBT and vPvB assessment

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Results of PBT assessment	Not applicable
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12.6. Endocrine disrupting properties

Adverse effects on the environment caused by endocrine disrupting properties:

Not applicable

12.7. Other adverse effects

Other adverse effects:

No data available

13. DISPOSAL CONSIDERATIONS

13.1. Waste treatment methods

Product/Packaging disposal recommendations:

Avoid release to the environment. Dispose of empty containers and wastes safely. See Section 7 for information on safe handling. Refer to manufacturer/supplier for information on recovery/recycling. Recycling is preferred to disposal or incineration. If recycling is not possible, eliminate in accordance with local valid waste disposal regulations. Handle contaminated packages in the same way as the substance itself. Dispose of contaminated materials in accordance with current regulations.

European waste catalogue (2001/573/EC, 75/442/EEC, 91/689/EEC):

Waste codes should be assigned by the user, preferably in discussion with the waste disposal authorities.

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14. TRANSPORT INFORMATION

In accordance with ADR / RID / IMDG / IATA / ADN

ADR	IMDG	IATA	ADN	RID
14.1. UN number				
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
14.2. UN proper shipping name				
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
14.3. Transport hazard class(es)				
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
14.4. Packing group				
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
14.5. Environmental hazards				
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
No supplementary information available				

14.6. Special precautions for user

Special precautions for user:

No data available

- Overland transport

Not applicable

- Transport by sea

Not applicable

- Air transport

Not applicable

- Inland waterway transport

Not applicable

- Rail transport

Not applicable

14.7. Maritime transport in bulk according to IMO instruments

Code: IBC:

No data available.

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15. REGULATORY INFORMATION

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

15.1.1. EU-Regulations

Contains no REACH substances with Annex XVII restrictions

Contains no substance on the REACH candidate list

Contains no REACH Annex XIV substances

15.1.2. National regulations

France

No ICPE	Installations classées Désignation de la rubrique	Code Régime	Rayon
na	Not Applicable	na	na

Germany

Regulatory reference:

WGK 3, Highly hazardous to water (Classification according to AwSV, Annex 1)

Hazardous Incident Ordinance (12. BImSchV):

Is not subject of the 12. BImSchV (Hazardous Incident Ordinance)

Netherlands

Waterbezwaarlijkheid:

B (4) - Weinig schadelijk voor in het water levende organismen

SZW-lijst van kankerverwekkende stoffen:

None of the components are listed

SZW-lijst van mutagene stoffen:

None of the components are listed

NIET-limitatieve lijst van voor de voortplanting giftige stoffen – Borstvoeding:

None of the components are listed

NIET-limitatieve lijst van voor de voortplanting giftige stoffen – Vruchtbaarheid:

None of the components are listed

NIET-limitatieve lijst van voor de voortplanting giftige stoffen – Ontwikkeling

None of the components are listed

15.2. Chemical safety assessment

Not applicable

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16. OTHER INFORMATION

Abbreviations and acronyms:

ABM = Algemene beoordelingsmethodiek

ADN = Accord Européen relatif au Transport International des Marchandises Dangereuses par voie de Navigation du Rhin

ADR = Accord européen relatif au transport international des marchandises Dangereuses par Route

CLP = Classification, Labelling and Packaging Regulation according to 1272/2008/EC

IATA = International Air Transport Association

IMDG = International Maritime Dangerous Goods Code

LEL = Lower Explosive Limit/Lower Explosion Limit

UEL = Upper Explosion Limit/Upper Explosive Limit

REACH = Registration, Evaluation, Authorisation and Restriction of Chemicals

BTT = Breakthrough time (maximum wearing time)

DMEL = Derived Minimal Effect level

DNEL = Derived No Effect Level

EC50 = Median Effective Concentration

EL50 = Median effective level

ErC50 = EC50 in terms of reduction of growth rate

ErL50 = EL50 in terms of reduction of growth rate

EWC = European waste catalogue

LC50 = Median lethal concentration

LD50 = Median lethal dose

LL50 = Median lethal level

NA = Not applicable

NOEC = No observed effect concentration

NOEL: no-observed-effect level

NOELR = No observed effect loading rate

NOAEC = No observed adverse effect concentration

NOAEL = No observed adverse effect level

N.O.S. = Not Otherwise Specified

OEL = Occupational Exposure Limits - Short Term Exposure Limits (STELs)

PNEC = Predicted No Effect Concentration

Quantitative structure-activity relationship (QSAR)

STOT = Specific Target Organ Toxicity

TWA = time weighted average

VOC = Volatile organic compounds

WGK = Wassergefährdungsklasse (Water Hazard Class under German Federal Water Management Act)

Sources of key data used to compile the datasheet:

ECHA (European Chemicals Agency). Supplier information.

Training advice:

Training staff on good practice.

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Other information:

Classification - Assessment method: CLP Calculation method (Article 9). Physicochemical hazard assessment: Information given is based on tests on the mixture itself.

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2020/878
Classification according to Regulation (EC) No. 1272/2008 [CLP] Labelling according to Regulation (EC) No. 1272/2008 [CLP]

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