SAFETY DATA SHEET

POLY MAX Fix & Seal Express transparent-grey

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

1.1. Product identifier

Trade name

POLY MAX Fix & Seal Express transparent-grey

Other names / Synonyms

Unipak POLY MAX Fix & Seal Express transparent-grey

▼Product no.

7008034, 7008132

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

Relevant identified uses of the substance or mixture

Adhesive
Restricted to professional and industrial use.

Uses advised against

None known.

1.3. Details of the supplier of the safety data sheet

Company and address

Unipak A/S
Marktoften 3C
8464 Galten
Denmark
+45 8626 1177
www.unipak.dk

E-mail

sales@unipak.dk

Revision

17/02/2026

SDS Version

1.0

Date of previous version

03/02/2026 (1.0)

1.4. Emergency telephone number

Healthcare professionals: Dial 0344 892 0111 to reach The National Poisons Information Service (NPIS) (24 hour service)
General public:
England - Dial 111 to reach NHS 111 (24 hour service)
Scotland - Dial 111 to reach NHS 24 (24 hour service)
Wales - Dial 111 or 0845 4647 to reach NHS Direct (24 hour service)
See section 4 “First aid measures”.

SECTION 2: Hazards identification

Classified according to Regulation (EC) No. 1272/2008 (CLP) as retained and amended in UK law.

2.1. Classification of the substance or mixture

Aquatic Chronic 3; H412, Harmful to aquatic life with long lasting effects.

2.2. Label elements

Hazard pictogram(s)

Not applicable.

Signal word

Not applicable.

Hazard statement(s)

Harmful to aquatic life with long lasting effects. (H412)

Precautionary statement(s)

General

Not applicable.

Prevention

Avoid release to the environment. (P273)

Response

Not applicable.

Storage

Not applicable.

Disposal

Dispose of contents/container in accordance with local regulation. (P501)

Hazardous substances

Does not contain any substances required to report

Additional labelling

EUH208, Contains trimethoxyvinylsilane; trimethoxy(vinyl)silane. May produce an allergic reaction.

2.3. Other hazards

During curing methanol (CAS 67-56-1) is produced.

Additional warnings

This mixture/product does not contain any substances known to fulfil the criteria for PBT and vPvB classification. This product does not contain any substances considered to be endocrine disruptors in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2023/707.

SECTION 3: Composition/information on ingredients

3.1. Substances

Not applicable. This product is a mixture.

3.2. Mixtures

Product/substance	Identifiers	% w/w	Classification	Note
trimethoxyvinylsilane; trimethoxy(vinyl)silane	CAS No.: 2768-02-7 EC No.: 220-449-8 UK-REACH: Index No.: 014-049-00-0	1-2,5%	Flam. Liq. 3, H226 Skin Sens. 1B, H317 (SCL: 10.00 %) Acute Tox. 4, H332	
3-(trimethoxysilyl)propylamine	CAS No.: 13822-56-5 EC No.: 237-511-5 UK-REACH: Index No.:	1-2,5%	Skin Irrit. 2, H315 Eye Dam. 1, H318	
Bis(1,2,2,6,6-pentamethyl-4-piperidyl) [[3,5-bis(1,1-dimethylethyl)-4-hydroxyphenyl]methyl]butyl malonate	CAS No.: 63843-89-0 EC No.: 264-513-3 UK-REACH: Index No.:	>0,025-<0.25%	Acute Tox. 4, H302 STOT RE 1, H372 Aquatic Chronic 1, H410 (M=10)	

See full text of H-phrases in section 16. Occupational exposure limits are listed in section 8, if these are available.

Other information

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SECTION 4: First aid measures

4.1. Description of first aid measures

General information

No specific requirements

Inhalation

Upon breathing difficulties or irritation of the respiratory tract: Bring the person into fresh air and stay with him/her.

Skin contact

IF ON SKIN: Wash with plenty of water and soap.
Remove contaminated clothing and shoes. Ensure to wash exposed skin thoroughly with water and soap. DO NOT use solvents or thinners.
If skin irritation occurs: Get medical advice/attention.

Eye contact

Remove contact lenses, if present. Flush eyes with plenty of water or salt water (20-30°C) and continue until irritation stops. Normally rinsing for less than 5 minutes is sufficient.

Ingestion

If the person is conscious, rinse the mouth with water and stay with the person. Never give the person anything to drink.
In case of malaise, seek medical advice immediately and bring the safety data sheet or label from the product. Do not induce vomiting, unless recommended by the doctor. Have the person lean forward with head down to avoid inhalation of or choking on vomited material.

Burns

Not applicable.

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

Sensitisation: This product contains substances, which may trigger allergic reaction upon dermal contact.
Manifestation of allergic reactions typically takes place within 12-72 hours after exposure.

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

Treat symptomatically.

Information to medics

Bring this safety data sheet or the label from this product.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media: Alcohol-resistant foam, carbon dioxide, powder, water mist.
Unsuitable extinguishing media: Waterjets should not be used, since they can spread the fire.

5.2. Special hazards arising from the substance or mixture

Fire will result in dense smoke. Exposure to combustion products may harm your health. Closed containers, which are exposed to fire, should be cooled with water. Do not allow fire-extinguishing water to enter the sewage system and nearby surface waters.
If the product is exposed to high temperatures, e.g. in the event of fire, dangerous decomposition compounds are produced. These are:
Nitrogen oxides (NO_x)
Carbon oxides (CO / CO2)

5.3. Advice for firefighters

Wear self-contained breathing apparatus and protective clothing to prevent contact. Upon direct exposure contact The National Poisons Information Service (dial 111, 24 h service) in order to obtain further advice.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Contaminated areas may be slippery.

6.2. Environmental precautions

Avoid discharge to lakes, streams, sewers, etc. In the event of leakage to the surroundings, contact local environmental authorities.

6.3. Methods and material for containment and cleaning up

Contain and collect spillage with non-combustible, absorbent material e.g. sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations.

Wherever possible cleaning should be performed with normal cleaning agents. Avoid use of solvents.

6.4. Reference to other sections

See section 13 “Disposal considerations” on handling of waste.

See section 8 "Exposure controls/personal protection" for protective measures.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

It is recommended to install waste collection trays in order to prevent emissions to the waste water system and surrounding environment.

Smoking, drinking and consumption of food is not allowed in the work area.

See section 8 "Exposure controls/personal protection" for information on personal protection.

7.2. Conditions for safe storage, including any incompatibilities

Containers that have been opened must be carefully resealed and kept upright to prevent leakage.

Recommended storage material

Always store in containers of the same material as the original container.

Storage conditions

No specific requirements.

Incompatible materials

Strong acids, strong bases, strong oxidizing agents, and strong reducing agents.

7.3. Specific end use(s)

This product should only be used for applications quoted in section 1.2.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

No substances are listed in the national list of substances with an occupational exposure limit.

DNEL

3-(trimethoxysilyl)propylamine

Duration:	Route of exposure:	DNEL:
Long term – Systemic effects - General population	Dermal	500 µg/kg bw/day
Long term – Systemic effects - Workers	Dermal	1 mg/kg bw/day
Long term – Systemic effects - Workers	Inhalation	7.1 mg/m³
Long term – Systemic effects - General population	Oral	8 mg/kg bw/day

trimethoxyvinylsilane; trimethoxy(vinyl)silane

Duration:	Route of exposure:	DNEL:
Long term – Systemic effects - General population	Dermal	7,8 (rat) mg/kg bw/day
Long term – Systemic effects - Workers	Dermal	3.9 (rat) mg/kg bw/day
Long term – Systemic effects - General population	Inhalation	6.7 (rat) mg/m³

Long term – Systemic effects - General population	Inhalation	18,9 (rabbit) mg/m³
Long term – Systemic effects - Workers	Inhalation	27.6 (rat) mg/m³
Long term – Systemic effects - General population	Oral	0.3 (rat) mg/kg bw/day

PNEC

3-(trimethoxysilyl)propylamine

Route of exposure:	Duration of Exposure:	PNEC:
Freshwater		500 µg/L
Marine water		50 µg/L
Marine water sediment		180 µg/kg
Sewage treatment plant		810 µg/L
Soil		69 µg/kg

trimethoxyvinylsilane; trimethoxy(vinyl)silane

Route of exposure:	Duration of Exposure:	PNEC:
Freshwater		400 (rat) µg/L
Freshwater sediment		1.5 dry weight (rat) mg/kg
Intermittent release		2,4 (rat) mg/L
Marine water		40 (rat) µg/L
Marine water sediment		150 dry weight (rat) µg/kg
Sewage treatment plant		6,6 (rat) mg/L
Soil		60 (rat) µg/kg

8.2. Exposure controls

Apply general control to prevent unnecessary exposure

General recommendations

Smoking, drinking and consumption of food is not allowed in the work area.

Exposure scenarios

There are no exposure scenarios implemented for this product.

Exposure limits

Occupational exposure limits have not been defined for the substances in this product.

Appropriate technical measures

Apply standard precautions during use of the product. Avoid inhalation of vapours.

Hygiene measures

In between use of the product and at the end of the working day all exposed areas of the body must be washed thoroughly. Pay special attention to hands, forearms and face.

Measures to avoid environmental exposure

Keep damming materials near the workplace. If possible, collect spillage during work.

Individual protection measures, such as personal protective equipment

Generally

Use only UKCA marked protective equipment.

Respiratory Equipment

Type	Class	Colour	Standards
Respiratory protection is not needed in the event of adequate ventilation.			

Skin protection

No specific requirements.

Hand protection

Material	Glove thickness (mm)	Breakthrough time (min.)	Standards	
Nitrile	> 0.12	≥ 10	EN374-3, Level 1	

Eye protection

Work situation	Type	Standards	
When there is risk of splash- / intermittent exposure	Safety glasses with side shields.	EN166	

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state
Liquid

Colour
Light gray

Odour / Odour threshold
Characteristic

pH
No data available.

Density (g/cm^3)
1.125

Kinematic viscosity
No data available.

Particle characteristics
Does not apply to liquids.

Phase changes

Melting point/Freezing point (°C)
No data available.

Softening point/range (°C)
Does not apply to liquids.

Boiling point (°C)
No data available.

Vapour pressure
No data available.

Relative vapour density
No data available.

Decomposition temperature (°C)
No data available.

Data on fire and explosion hazards

Flash point (°C)
No data available.

Flammability (°C)
The material is not combustible.

Auto-ignition temperature (°C)
400

Lower and upper explosion limit (% v/v)

No data available.

Solubility

Solubility in water

Practically insoluble

n-octanol/water coefficient (LogKow)

No data available.

Solubility in fat (g/L)

No data available.

9.2. Other information

VOC (g/l)

0

Oxidizing properties

No data available.

Other physical and chemical parameters

No data available.

SECTION 10: Stability and reactivity

10.1. Reactivity

No data available.

10.2. Chemical stability

The product is stable under the conditions, noted in section 7 “Handling and storage”.

10.3. Possibility of hazardous reactions

None known.

10.4. Conditions to avoid

None known.

10.5. Incompatible materials

Strong acids, strong bases, strong oxidizing agents, and strong reducing agents.

10.6. Hazardous decomposition products

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

SECTION 11: Toxicological information

11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008 as retained and amended in UK law

▼Acute toxicity

Based on available data, the classification criteria are not met.

Product/substance	trimethoxyvinylsilane; trimethoxy(vinyl)silane
Species:	Rat
Route of exposure:	Inhalation
Test:	LC50 (4 hours)
Result:	16,8 mg/L

Product/substance	trimethoxyvinylsilane; trimethoxy(vinyl)silane
Species:	Rat
Route of exposure:	Oral
Test:	LD50
Result:	6899 mg/kg

Product/substance	trimethoxyvinylsilane; trimethoxy(vinyl)silane
Species:	Rat
Route of exposure:	Dermal
Test:	LD50
Result:	3158 mg/kg

Product/substance	3-(trimethoxysilyl)propylamine
Species:	Rat
Route of exposure:	Oral
Test:	LD50
Result:	3030 mg/kg

Product/substance	3-(trimethoxysilyl)propylamine
Species:	Rabbit
Route of exposure:	Dermal
Test:	LD50
Result:	10000 mg/kg

Based on available data, the classification criteria are not met.

▼Skin corrosion/irritation

Product/substance	trimethoxyvinylsilane; trimethoxy(vinyl)silane
Species:	Mouse
Result:	No adverse effect observed (Not irritating)

Based on available data, the classification criteria are not met.

▼Serious eye damage/irritation

Product/substance	3-(trimethoxysilyl)propylamine
Test method:	OECD 437
Result:	No adverse effect observed (Not irritating)

Based on available data, the classification criteria are not met.

▼Respiratory sensitisation

Based on available data, the classification criteria are not met.

Skin sensitisation

This product contains substances that may trigger an allergic reaction in already sensitized persons.

▼Germ cell mutagenicity

Based on available data, the classification criteria are not met.

▼Carcinogenicity

Based on available data, the classification criteria are not met.

▼Reproductive toxicity

Based on available data, the classification criteria are not met.

▼STOT-single exposure

Based on available data, the classification criteria are not met.

▼STOT-repeated exposure

Based on available data, the classification criteria are not met.

▼Aspiration hazard

Based on available data, the classification criteria are not met.

Symptoms related to the physical, chemical and toxicological characteristics

None known.

11.2. Information on other hazards

Endocrine disrupting properties

This mixture/product does not contain any substances known to have hormone-disrupting properties in relation to health.

Other information

None known.

SECTION 12: Ecological information

12.1. Toxicity

Harmful to aquatic life with long lasting effects.

12.2. ▼Persistence and degradability

Based on available data, the classification criteria are not met.

12.3. ▼Bioaccumulative potential

Based on available data, the classification criteria are not met.

12.4. Mobility in soil

No data available.

12.5. Results of PBT and vPvB assessment

This mixture/product does not contain any substances known to fulfil the criteria for PBT and vPvB classification.

12.6. Endocrine disrupting properties

This mixture/product does not contain any substances considered to have endocrine-disrupting properties in relation to the environment.

12.7. Other adverse effects

This product contains substances that are toxic to the environment. May result in adverse effects to aquatic organisms.

This product contains substances, which may cause adverse long-term effects to the aquatic environment.

SECTION 13: Disposal considerations

Waste treatment methods

Product is not covered by regulations on dangerous waste.

Dispose of contents/container to an approved waste disposal plant.

Regulation (EU) No 1357/2014 of 18 December 2014 on waste as retained and amended in UK law.

EWC code

08 04 10 Waste adhesives and sealants other than those mentioned in 08 04 09

Specific labelling

Contaminated packing

Packaging containing residues of the product must be disposed of similarly to the product.

SECTION 14: Transport information

	14.1 UN / ID	14.2 UN proper shipping name	14.3 Hazard class(es)	14.4 PG*	14.5 Env**	Other information:
ADR/ADN/RID	-	-	-	-	-	-
IMDG	-	-	-	-	-	-
IATA	-	-	-	-	-	-

* Packing group

** Environmental hazards

Additional information

Not dangerous goods according to ADR/ADN/RID, IATA and IMDG.

14.6. Special precautions for user

Not applicable.

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

Restrictions for application

Industrial use only.

Demands for specific education

No specific requirements.

Control of Major Accident Hazards (COMAH) - Categories / dangerous substances

Not applicable.

UK-REACH, Annex XVII

trimethoxyvinylsilane; trimethoxy(vinyl)silane is subject to UK-REACH restrictions (entry 40).

Additional information

Not applicable.

Sources

Regulation (EU) No 1357/2014 of 18 December 2014 on waste as retained and amended in UK law.
Regulation (EC) No 1272/2008 on classification, labelling and packaging of substances and mixtures (CLP) as retained and amended in UK law.
Regulation (EC) No 1907/2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) as retained and amended in UK law.

15.2. Chemical safety assessment

No

SECTION 16: Other information

Full text of H-phrases as mentioned in section 3

H226, Flammable liquid and vapour.
H302, Harmful if swallowed.
H315, Causes skin irritation.
H317, May cause an allergic skin reaction.
H318, Causes serious eye damage.
H332, Harmful if inhaled.
H372, Causes damage to organs through prolonged or repeated exposure.
H410, Very toxic to aquatic life with long lasting effects.

Abbreviations and acronyms

ADN = European Provisions concerning the International Carriage of Dangerous Goods by Inland Waterway
ADR = The European Agreement concerning the International Carriage of Dangerous Goods by Road
ATE = Acute Toxicity Estimate
BCF = Bioconcentration Factor
CAS = Chemical Abstracts Service
CE = Conformité Européenne (European conformity)
CLP = Classification, Labelling and Packaging Regulation [Regulation (EC) No. 1272/2008]
CSA = Chemical Safety Assessment
CSR = Chemical Safety Report
DMEL = Derived Minimal Effect Level
DNEL = Derived No Effect Level
EINECS = European Inventory of Existing Commercial chemical Substances
ES = Exposure Scenario
EUH statement = CLP-specific Hazard statement
EuPCS = European Product Categorisation System
EWC = European Waste Catalogue
GHS = Globally Harmonized System of Classification and Labelling of Chemicals
GWP = Global warming potential
IARC = International Agency for Research on Cancer (IARC)
IATA = International Air Transport Association
IBC = Intermediate Bulk Container
IMDG = International Maritime Dangerous Goods
LogPow = logarithm of the octanol/water partition coefficient
MARPOL = International Convention for the Prevention of Pollution From Ships, 1973 as modified by the Protocol of 1978. ("Marpol" = marine pollution)
OECD = Organisation for Economic Co-operation and Development
PBT = Persistent, Bioaccumulative and Toxic

PNEC = Predicted No Effect Concentration
RID = The Regulations concerning the International Carriage of Dangerous Goods by Rail
RRN = REACH Registration Number
SCL = A specific concentration limit
SVHC = Substances of Very High Concern
STOT-RE = Specific Target Organ Toxicity - Repeated Exposure
STOT-SE = Specific Target Organ Toxicity - Single Exposure
TWA = Time weighted average
UN = United Nations
UVBC = Unknown or variable composition, complex reaction products or of biological materials
VOC = Volatile Organic Compound
vPvB = Very Persistent and Very Bioaccumulative

Additional information

The classification of the substance/mixture in regard of environmental hazards are in accordance with the calculation methods given by Regulation (EC) No. 1272/2008 (CLP) as retained and amended in UK law.

The safety data sheet is validated by

THA

Other

A change (in proportion to the last essential change (first cipher in SDS version, see section 1)) is marked with a triangle.
The information in this safety data sheet applies only to this specific product (mentioned in section 1) and is not necessarily correct for use with other chemicals/products.
It is recommended to hand over this safety data sheet to the actual user of the product. Information in this safety data sheet cannot be used as a product specification.
Country-language: GB-en