

FlashSeal™

Safety data sheet

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

1.1 Product identifier: FlashSeal™

Article number	PR-number
288059760	Not notifiable
288059761	Not notifiable
288059764	Not notifiable

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

- **Sector of use:**
SU3 Industrial uses: Uses of substances as such or in preparations at industrial sites
SU22 Professional uses: Public domain (administration, education, entertainment, services, craftsmen)
- **Product category** PC1 Adhesives, sealants
- **Process category** PROC10 Roller application or brushing
- **Environmental release category**
ERC5 Use at industrial site leading to inclusion into/onto article
ERC8c Widespread use leading to inclusion into/onto article (indoor)
ERC8f Widespread use leading to inclusion into/onto article (outdoor)
- **Application of the substance / the mixture**
Adhesive and sealant
Sealant and adhesive

1.3 Details of the supplier of the safety data sheet

- **Supplier:**
Perform A/S
Ndr. Stationsvej 4
8721 Daugaard
Tlf. +45 70 22 62 30, Fax: +45 70 22 62 40
E-Mail: perform@perform.dk

1.4 Emergency telephone number:

Use your national or local emergency number

2. Hazards identification

2.1 Classification of the substance or mixture

- **Classification according to Regulation (EC) No 1272/2008**
The product is not classified, according to the CLP regulation.

2.2 Label elements

- **Labelling according to Regulation (EC) No 1272/2008** Void
Hazard pictograms Void
Signal word Void
Hazard statements Void

2.3 Other hazards

- **Results of PBT and vPvB assessment**
PBT: Not applicable.
vPvB: Not applicable.

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3. Composition/information on ingredients

3.1 Chemical characterisation: Mixtures

- **Description:** Sealant and adhesive based on MS-hybrid-polymer
- **Dangerous components:**

CAS: 2768-02-7 EINECS: 220-449-8 Reg.no.: 01-2119513215-52-xxxx	Trimethoxy- vinylsilane	Flam. Liq. 2, H225 Acutes Tox. 4, H332	≥0.1-<2.5%
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- **Additional information:** For the wording of the listed hazard phrases refer to section 16.

4. First aid measures

4.1 Description of first aid measures

- **General information:** No special measures required.
- **After inhalation:** Supply fresh air; consult doctor in case of complaints
- **After skin contact:** Wash with plenty of water or water and soap. In cases of sickness seek medical advice (show label if possible)
- **After eye contact:** Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.
- **After swallowing:** Drink plenty of water. Seek medical advice immediately and show the label or packaging

4.2 Most important symptoms and effects, both acute and delayed

No further relevant information available.

4.3 Indication of any immediate medical attention and special treatment needed

No further relevant information available.

5. Firefighting measures

5.1 Extinguishing media

- **Suitable extinguishing agents:**
CO₂, powder or water spray. Fight larger fires with water spray or alcohol resistant foam.
Use fire extinguishing methods suitable to surrounding conditions.

5.2 Special hazards arising from the substance or mixture

Formation of toxic gases is possible during heating or in case of fire.

5.3 Advise for firefighters

- **Protective equipment:**
Wear self-contained respiratory protective device.
Wear fully protective suit.

6. Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures:

Ensure adequate ventilation.

6.2 Environmental precautions:

Do not allow to enter sewers/surface or ground water.

6.3 Methods and material for containment and cleaning up:

Pick up mechanically.

6.4 Reference to other sections:

No dangerous substances are released.

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7. Handling and storage

7.1 Precautions for safe handling

Observe the general safety regulations when handling chemicals.

- **Information about fire and explosion protection:**
Apply general precautions to prevent fire hazard.

7.2 Conditions for safe storage, including any incompatibilities

- **Storage**
- **Requirements to be met by storerooms and receptacles:**
Store product only in tightly closed original containers.
- **Information about storage in one common storage facility:** Store away from foodstuffs.
- **Further information about storage conditions:**
Store product in cool, dry and well-ventilated areas.

7.3 Specific end use(s): No further relevant information available

8. Exposure controls/personal protection

- **Additional information about design of technical facilities:**
No further data; see item 7.

8.1 Control parameters

- **Ingredients with limit values that require monitoring at the workplace:**
The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.
- **Additional information:** The lists valid during the making were used as basis.

8.2 Exposure control

- **Personal protective equipment:**
- **General protective and hygienic measures:**
The usual precautionary measures are to be adhered to when handling chemicals. Do not eat, drink, smoke or sniff while working.
- **Respiratory protection:** Not necessary if room is well-ventilated.
- **Protection of hands:**
Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation.
The glove material has to be impermeable and resistant to the product/the substance/ the preparation.
Material of gloves
Nitrile rubber, NBR
Natural rubber, NR
PVA gloves
The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.
- **Penetration time of glove material**
The exact break trough time has to be found out by the manufacturer of the protective gloves and has to be observed.
- **Eye protection:** Goggles recommended during refilling.
- **Body protection:** Light weight protective clothing recommended.

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9. Physical and chemical properties

9.1 Information on basic physical and chemical properties

- **General information**
 - Appearance**
 - Form Pasty
 - Colour According to product specification
 - **Odour** Characteristic
 - **Odour threshold** Not determined
 - **pH-value** Not determined
 - **Change in condition**
 - Melting point/freezing point Not determined
 - Initial boiling point and boiling range 300 °C
 - **Flash point** Not determined
 - **Flammability (solid, gas)** Not applicable
 - **Decomposition temperature** Not determined
 - **Auto-ignition temperature:** Product is not self igniting
 - **Explosive properties:** Product does not represent an explosion hazard
 - **Explosion limits**
 - Lower Not determined
 - Upper Not determined
 - **Vapour pressure** Not determined
 - **Density at 20 °C:** 1.5 g/cm³
 - **Relative density** Not determined
 - **Vapour density** Not determined
 - **Evaporation rate** Not determined
 - **Solubility in / miscibility with water** Not miscible or difficult to mix
 - **Partition coefficient: n-octanol/water** Not determined
 - **Viscosity**
 - Dynamic Not determined
 - Kinematic Not determined
 - **Solvent content**
 - VOC (EU) 0.00%
 - **Solids content** 86.1%

9.2 Other information: No further relevant information available

10. Stability and reactivity

10.1 Reactivity: No further relevant information available.

10.2 Chemical stability:

Thermal decomposition / conditions to be avoided:

No decomposition if used according to specifications.

10.3 Possibility of hazardous reactions: No dangerous reactions known.

10.4 Conditions to avoid: No further relevant information available.

10.5 Incompatible materials: Avoid contact with other chemicals.

10.6 Hazardous decomposition products: No dangerous decomposition products known.

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11. Toxicological information

11.1 Information on toxicological effects

- **Acute toxicity:** Based on available data, the classification criteria are not met.
- **Primary irritant effect:**
- **Skin corrosion/irritation:** Based on available data, the classification criteria are not met.
- **Serious eye damage/irritation:** Based on available data, the classification criteria are not met.
- **Respiratory or skin sensitization:** Based on available data, the classification criteria are not met.
- **CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction)**
- **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.

12. Ecological information

12.1 Toxicity

Aquatic toxicity: No further relevant information available.

12.2 Persistence and degradability: Not easily biodegradable.

12.3 Bioaccumulative potential: No further relevant information available.

12.4 Mobility in soil: No further relevant information available.

Additional ecological information:

General notes:

Water hazard class 1 (German Regulation) (Self-assessment): slightly hazardous for water.
Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.

12.5 Results of PBT and vPvB assessment

PBT: Not applicable

vPvB: Not applicable

12.6 Other adverse effects: No further relevant information available

13. Disposal consideration

13.1 Waste treatment methods

Recommendation:

On the basis of the necessary technical regulations and after consultation with the disposal agent and the relevant authorities, can be disposed of with domestic waste or incinerated with domestic waste.

Smaller quantities can be disposed of with household waste.

- **Uncleaned packaging:**
- **Recommendation:** Disposal must be made according to official regulations.

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14. Transport information

14.1 UN-Number ADR, ADN, IMDG, IATA	Void
14.2 UN proper shipping name ADR, ADN, IMDG, IATA	Void
14.3 Transport hazard class(es) ADR, ADN, IMDG, IATA Class	Void
14.4 Packing group ADR, IMDG, IATA	Void
14.5 Environmental hazards Marine pollutant	No
14.6 Special precautions for user	Not applicable
14.7 Transport in bulk according to Annex II of Marpol and the IBC Code	Not applicable
UN "Model Regulation"	Void

15. Regulatory information

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

- **Directive 2012/18/EU**
- **Named dangerous substances – ANNEX I:** None of the ingredients is listed

15.2 Chemical safety assessment: A chemical Safety Assessment has not been carried out.

16. Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

- **Relevant phrases**
H225 Highly flammable liquid and vapour
H332 Harmful if inhaled.
- **Abbreviations and acronyms:**
RID: Règlement international concernant le transport des marchandises dangereuses par chemin de fer (Regulations Concerning the International Transport of Dangerous Goods by Rail)
ICAO: International Civil Aviation Organisation
ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)
IMDG: International Maritime Code for Dangerous Goods
IATA: International Air Transport Association
GHS: Globally Harmonised System of Classification and Labelling of Chemicals
EINECS: European Inventory of Existing Commercial Chemical Substances
ELINCS: European List of Notified Chemical Substances
CAS: Chemical Abstracts Service (division of the American Chemical Society)
VOC: Volatile Organic Compounds (USA, EU)
PBT: Persistent, Bioaccumulative and Toxic
vPvB: very Persistent and very Bioaccumulative
Flam. Liq. 2: Flammable liquids – Category 2
Acute Tox. 4: Acutes toxicity – Category 4