

# Safety Data Sheet



Revision Date 03-Dec-2021  
Version 5

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

### 1.1 Product identifier

**Product name** VANDEX PLASTKOMPONENTE PK 75 / VANDEX ELASTICIZER PK 75 / VANDEX ELASTIFIANT PK 75

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

**Recommended Use** Polymer additive  
**Product category** PC10 - Building and construction mixtures not covered elsewhere

### 1.3 Details of the supplier of the safety data sheet

**Supplier** Vandex Isoliermittel-Gesellschaft  
Industriestrasse 21  
D-21493 Schwarzenbek  
Phone: +49 4151 89 15-0  
Fax: +49 4151 89 15 50

Tremco CPG Schweiz AG  
Sihlbruggstrasse 144  
CH-6340 Baar  
Phone: +41 41 760 1212  
Fax: +41 41 760 13 20

This telephone number is available during office hours only.

For further information, please contact: [ehs@vandex.com](mailto:ehs@vandex.com)

### 1.4 Emergency telephone number

**Emergency telephone number** Chemtrec: +1 703-527-3887 ex-USA  
Chemtrec: 1-800-424-9300 USA

**Europe** 112  
**Austria** +43 1 406 43 43  
**Belgium** Poison center (BE): +32 70 245 245  
**Denmark** Poison Control Hotline (DK): +45 82 12 12 12  
**Finland** Poison Information Centre (FI): +358 9 471 977  
**France** ORFILA (FR): + 01 45 42 59 59  
**Germany** Poison Center Berlin (DE): +49 030 30686 790  
Poison Center Nord: +49 551 19240 (24h available English / German)  
**Ireland** National Poisons Information Centre (IE): +353 1 8379964 / + 353 1 8092566  
**Iceland** +354 543 2222  
**Italy** Poison Center, Milan (IT): +39 02 6610 1029  
**Luxembourg** 112  
**Netherlands** National Poisons Information Center (NL): +31 30 274 88 88 (NB: this service is only available to health professionals)  
**Norway** Poisons Information (NO): + 47 22 591300  
**Portugal** Poison Information Center (PT): +351 800 250 250

<b>Spain</b>	Poison Information Service (ES): +34 91 562 04 20
<b>Sweden</b>	Poisons Information Center (SV):+46 8 33 12 31
<b>Switzerland</b>	Poison Center: Tel 145; +41 44 251 51 51
<b>United Kingdom</b>	111 / 0300 020 0155

**2. Hazards identification**

**2.1 Classification of the substance or mixture**

REGULATION (EC) No 1272/2008

Not a hazardous substance or mixture according to Regulation (EC) No 1272/2008

**2.2 Label elements**

Not a hazardous substance or mixture according to Regulation (EC) No 1272/2008

EUH208 - Contains 1,2-Benzisothiazol-3(2H)-one, Mixture of 5-Chloro-2-methyl-4-isothiazolin-3-one & 2-methyl-2-H-isothiazol-3-one (3:1), 2-Methyl-2H-isothiazol-3-one May produce an allergic reaction

EUH210 - Safety data sheet available on request

**2.3. Other Hazards**

No information available

**3. Composition/information on ingredients**

**3.1 Substances**

This product is a mixture. Health hazard information is based on its components.

**3.2 Mixtures**

**Chemical nature**

Aqueous copolymer dispersion based on styrene/acrylic ester, unplasticized.

Chemical Name	EC-No	CAS No.	Weight-%	Classification (1272/2008/EC)	REACH Registration Number
1,2-Benzisothiazol-3(2H)-one	220-120-9	2634-33-5	<0.04	Acute Tox. 4 (H302) Skin Irrit. 2 (H315) Eye Dam. 1 (H318) Skin Sens. 1 (H317) Aquatic Acute 1 (H400) Aquatic Chronic 2 (H411)	01-2120761540-60-XX XX
2-Methyl-2H-isothiazol-3-one	220-239-6	2682-20-4	< 0.0014	Skin Corr. 1B (H314) Skin Sens. 1A (H317) Acute Tox. 3 (H301) Acute Tox. 3 (H311) Acute Tox 2 (H330) Eye Dam. 1 (H318) Aquatic Acute 1 (H400) Aquatic Chronic 1 (H410) M-factor (acute) : 10	01-2120764690-50-XX XX
Mixture of 5-Chloro-2-methyl-4-isothiaz	-	55965-84-9	<0.0014	Acute Tox. 3 (H301) Acute Tox. 2 (H310)	no data available

olin-3-one & 2-methyl-2 H-isothiazol-3-one (3:1)				Acute Tox. 2 (H330) Skin Corr. 1C (H314) Eye Dam. 1 (H318) Skin Sens. 1A (H317) Aquatic Acute 1 (H400) Aquatic Chronic 1 (H410) M-factor : 100	
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**For the full text of the H-Statements mentioned in this Section, see Section 16**

## 4. First Aid Measures

### 4.1 Description of first-aid measures

<b>General advice</b>	When symptoms persist or in all cases of doubt seek medical advice.
<b>Inhalation</b>	Move to fresh air. Get medical attention immediately if symptoms occur.
<b>Skin contact</b>	Wash off immediately with soap and plenty of water. Use a mild soap if available.
<b>Eye contact</b>	Rinse thoroughly with plenty of water, also under the eyelids. Get medical attention.
<b>Ingestion</b>	Gently wipe or rinse the inside of the mouth with water. Never give anything by mouth to an unconscious person. Do NOT induce vomiting. Get medical attention.

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

**Symptoms** No information available.

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

**Notes to physician** Treat symptomatically.

## 5. Fire-Fighting Measures

### 5.1 Extinguishing media

**Suitable extinguishing media**  
Use water spray, fog, Carbon dioxide (CO<sub>2</sub>), foam or dry chemical.

**Extinguishing media which shall not be used for safety reasons**  
High volume water jet.

### 5.2 Special hazards arising from the substance or mixture

No hazardous decomposition products are known.

### 5.3 Advice for firefighters

In the event of fire, wear self-contained breathing apparatus. Use personal protective equipment. Collect contaminated fire extinguishing water separately. This must not be discharged into drains.

## 6. Accidental Release Measures

### 6.1 Personal precautions, protective equipment and emergency procedures

**Personal precautions**  
Ensure adequate ventilation, especially in confined areas. Refer to protective measures listed in sections 7 and 8. Use personal

protective equipment.

#### Advice for emergency responders

For personal protection see section 8.

### 6.2 Environmental precautions

Prevent product from entering drains. Do not allow material to contaminate ground water system. See Section 12 for additional Ecological information.

### 6.3 Methods and materials for containment and cleaning up

**Methods for Containment** Prevent further leakage or spillage if safe to do so.

**Methods for cleaning up** Contain spillage, soak up with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and transfer to a container for disposal according to local / national regulations (see section 13).

### 6.4 Reference to other sections

See Section 8, 13 for additional information.

## 7. Handling and storage

### 7.1 Precautions for safe handling

**Advice on safe handling** Wear personal protective equipment. Avoid contact with skin, eyes and clothing. Use only in well-ventilated areas.

**Hygiene measures** When using, do not eat, drink or smoke. Wash hands before breaks and at the end of workday. Remove and wash contaminated clothing before re-use.

### 7.2 Conditions for safe storage, including any incompatibilities

#### Storage Conditions

Keep containers tightly closed in a dry, cool and well-ventilated place. Keep at temperatures between 5° and 35°C (41° and 95°F). Protect from frost.

German storage class LGK 12

### 7.3 Specific end uses

#### Specific use(s)

SU19 - Building and construction work

#### Exposure scenario

No information available.

## 8. Exposure controls/personal protection

### 8.1 Control parameters

#### Exposure Limit Values

Chemical Name	European Union	Austria	Belgium	Denmark	Finland	France
2-Methyl-2H-isothiazol-3-one 2682-20-4		Skin TWA: 0.05 mg/m <sup>3</sup>				
Mixture of 5-Chloro-2-methyl-4-isothiazolin-3-one & 2-methyl-2-H-isothiazol-3-one		Skin TWA: 0.05 mg/m <sup>3</sup>				

(3:1) 55965-84-9						
<b>Chemical Name</b>	<b>Germany</b>	<b>Iceland</b>	<b>Ireland</b>	<b>Italy</b>	<b>Luxembourg</b>	<b>The Netherlands</b>
2-Methyl-2H-isothiazol -3-one 2682-20-4	TWA: 0.2 mg/m <sup>3</sup>					
<b>Chemical Name</b>	<b>Norway</b>	<b>Portugal</b>	<b>Spain</b>	<b>Sweden</b>	<b>Switzerland</b>	<b>The United Kingdom</b>
2-Methyl-2H-isothiazol -3-one 2682-20-4					TWA: 0.2 mg/m <sup>3</sup>	

TWA: Time weighted average  
 STEL: Short term exposure limit  
 LLV: Exposure Limit Values  
 STV: Short Term Value

**Derived No Effect Level (DNEL)** No information available

**Predicted No Effect Concentration (PNEC)** No information available

**8.2 Exposure controls**

**Engineering Measures** Ensure adequate ventilation, especially in confined areas.

**Personal protective equipment**

- Eye/Face Protection** Tightly fitting safety goggles. Wear chemical-resistant glasses and/or goggles and a face shield when eye and face contact is possible due to handling and processing of material.
- Hand Protection** Rubber/latex/neoprene or other suitable chemical resistant gloves. Please observe the instructions regarding permeability and breakthrough time which are provided by the supplier of the gloves. Also take into consideration the specific local conditions under which the product is used, such as the danger of cuts, abrasion.
- Skin and body protection** Long sleeved clothing. Chemical resistant apron. Wear impervious gloves and/or clothing if needed to prevent contact with the material.
- Respiratory protection** In case of insufficient ventilation wear suitable respiratory equipment.
- Recommended Filter type:** The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.

**Hygiene measures** When using, do not eat, drink or smoke. Wash hands before breaks and at the end of workday. Remove and wash contaminated clothing before re-use.

**Environmental Exposure Controls** Prevent product from entering drains. Do not allow material to contaminate ground water system.

**9. Physical and chemical properties**

**9.1 Information on basic physical and chemical properties**

<b>Physical state</b>	Liquid
<b>Appearance</b>	aqueous dispersion
<b>Color</b>	White
<b>Odor</b>	slightly aromatic
<b>Odor Threshold</b>	No information available

<u>Property</u>	<u>Values</u>	<u>Remarks</u>
<b>pH</b>	6-7	No information available
<b>Melting/freezing point</b>		No information available
<b>Boiling point/boiling range</b>	100 °C / 212 °F	
<b>Flash Point</b>		No information available
<b>Evaporation rate</b>		No information available
<b>Flammability (solid, gas)</b>		No information available
<b>Flammability Limits in Air</b>		
upper flammability limit		No information available
lower flammability limit		No information available
<b>Vapor pressure</b>		No information available
<b>Vapor density</b>		No information available
<b>Specific Gravity</b>		No information available
<b>Water solubility</b>	Miscible with water	
<b>Solubility in other solvents</b>		No information available
<b>Partition coefficient</b>		No information available
<b>Autoignition temperature</b>		No information available
<b>Decomposition temperature</b>		No information available
<b>Viscosity, kinematic</b>		No information available
<b>Viscosity, dynamic</b>		No information available
<b>Explosive properties</b>		No information available
<b>Oxidizing Properties</b>		No information available

**9.2 Other information**

<b>Volatile organic compounds (VOC) content</b>	None
<b>Density</b>	approx. 1,08 kg/l

## 10. Stability and Reactivity

### **10.1 Reactivity**

Stable under normal conditions.

### **10.2 Chemical stability**

Stable under recommended storage conditions.

### **10.3 Possibility of hazardous reactions**

Hazardous polymerization does not occur.

### **10.4 Conditions to Avoid**

Protect from frost, heat and sunlight.

### **10.5 Incompatible Materials**

No materials to be especially mentioned

### **10.6 Hazardous Decomposition Products**

None under normal use conditions.

## 11. Toxicological information

### **11.1 Information on toxicological effects**

#### **Acute toxicity**

#### **Product Information**

Product does not present an acute toxicity hazard based on known or supplied information at the Product level.

<b>Inhalation</b>	There are no data available for this product.
<b>Eye contact</b>	There are no data available for this product.
<b>Skin contact</b>	May cause sensitization by skin contact.
<b>Ingestion</b>	There are no data available for this product.

#### **Component Information**

<b>Skin corrosion/irritation</b>	No information available.
<b>Serious eye damage/eye irritation</b>	No information available.
<b>Respiratory or skin sensitization</b>	No information available.
<b>Germ cell mutagenicity</b>	No information available.
<b>Carcinogenicity</b>	No information available.
<b>Reproductive toxicity</b>	No information available.
<b>Specific target organ systemic toxicity (single exposure)</b>	No information available.

**Specific target organ systemic toxicity (repeated exposure)** No information available.

**Aspiration hazard** No information available.

## 12. Ecological information

### 12.1 Toxicity

#### Ecotoxicity effects

Contains no substances known to be hazardous to the environment or not degradable in waste water treatment plants

### 12.2 Persistence and degradability

No information available.

### 12.3 Bioaccumulative potential

No information available.

Chemical Name	log Pow
1,2-Benzisothiazol-3(2H)-one	1.3

### 12.4 Mobility in soil

#### Mobility in soil

No information available.

#### Mobility

No information available.

### 12.5 Results of PBT and vPvB assessment

This substance is not considered to be persistent, bioaccumulating nor toxic (PBT). This substance is not considered to be very persistent nor very bioaccumulating (vPvB).

### 12.6 Other adverse effects.

No adverse effects are expected.

## 13. Disposal Considerations

### 13.1 Waste treatment methods

**Waste from residues / unused products** If recycling is not practicable, dispose of in compliance with local regulations.

**Contaminated packaging** Empty containers should be taken to an approved waste handling site for recycling or disposal.

**Other information** According to the European Waste Catalog, Waste Codes are not product specific, but application specific.

## 14. Transport Information

### ADR



14.1 UN Not regulated  
 14.2 Proper shipping name Not regulated  
 14.3 Hazard class Not regulated  
 14.4 Packing Group Not regulated  
 14.5 Environmental hazard Not applicable  
 14.6 Special Provisions None

**IMDG**

14.1 UN Not regulated  
 14.2 Proper shipping name Not regulated  
 14.3 Hazard class Not regulated  
 14.4 Packing Group Not regulated  
 14.5 Marine pollutant Not applicable  
 14.6 Special Provisions None  
 14.7 Transport in bulk according to MARPOL 73/78 and the IBC Code No information available

**IATA**

14.1 UN Not regulated  
 14.2 Proper shipping name Not regulated  
 14.3 Hazard class Not regulated  
 14.4 Packing Group Not regulated  
 14.5 Environmental hazard Not applicable  
 14.6 Special Provisions None

**15. Regulatory information**

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

**National regulatory information**

Germany **WGK Classification** Hazardous to water/Class 1  
 Denmark - **MAL Factor** 00-1

Chemical Name	French RG number	Title
1,2-Benzisothiazol-3(2H)-one 2634-33-5	RG 65	-

**European Union**

Take note of Directive 2000/39/EC establishing a first list of indicative occupational exposure limit values  
 Take note of Directive 98/24/EC on the protection of the health and safety of workers from the risks related to chemical agents at work  
 Take note of Dir 94/33/EC on the protection of young people at work.  
 Take note of Dir 92/85/EEC on the safety and health at work of pregnant workers

**Authorizations and/or restrictions on use:**

This product does not contain substances subject to authorization (Regulation (EC) No. 1907/2006 (REACH), Annex XIV)  
 This product does not contain substances subject to restriction (Regulation (EC) No. 1907/2006 (REACH), Annex XVII)

**Persistent Organic Pollutants**

Not applicable

**International Inventories**

**TSCA** Complies  
**EINECS/ELINCS** Complies

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<b>DSL</b>	Complies
<b>PICCS</b>	-
<b>ENCS</b>	Complies
<b>IECSC</b>	Complies
<b>AICS</b>	Complies
<b>KECL</b>	Complies
<b>NZIoC</b>	Complies

**Legend**

**EINECS/ELINCS** - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances  
**DSL/NDSL** - Canadian Domestic Substances List/Non-Domestic Substances List  
**PICCS** - Philippines Inventory of Chemicals and Chemical Substances  
**ENCS** - Japan Existing and New Chemical Substances  
**IECSC** - China Inventory of Existing Chemical Substances  
**AICS** - Australian Inventory of Chemical Substances  
**KECL** - Korean Existing and Evaluated Chemical Substances  
**NZIoC** - New Zealand Inventory of Chemicals

**15.2 Chemical Safety Assessment**

No information available

**16. Other information****Key or legend to abbreviations and acronyms used in the safety data sheet****Full text of H-Statements referred to under section 3**

H302 - Harmful if swallowed  
H315 - Causes skin irritation  
H318 - Causes serious eye damage  
H317 - May cause an allergic skin reaction  
H400 - Very toxic to aquatic life  
H301 - Toxic if swallowed  
H311 - Toxic in contact with skin  
H314 - Causes severe skin burns and eye damage  
H410 - Very toxic to aquatic life with long lasting effects  
H310 - Fatal in contact with skin

**Prepared By** Vandex  
Regulatory Affairs/Product Safety

**Revision Date** 03-Dec-2021

**Revision Note** (M)SDS sections updated, 1, 2, 3.

This safety data sheet complies with the requirements of Regulation (EC) No. 1907/2006.

**Disclaimer**

**The information provided on this SDS is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guide for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered as a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other material or in any process, unless specified in the text.**

**End of Safety Data Sheet**