

EC safety data sheet

Trade name: VANDEX UNIFLEX
Product no.: 237

Status: 1.6.2006
Date of printing: 30.6.2006

1.) Identification of the substance/preparation and company

Product details

Trade name

VANDEX UNIFLEX

Use

Adhesive and sealant

*Identification of the supplier

Address

Vandex Isoliermittel GmbH
Industriestrasse 19-23
DE-21493 Schwarzenbek

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General Information

Phone: +49 41 51 89 15 31 (Laboratory, Vandex Isoliermittel GmbH, Germany)
Phone: +41 32 626 36 36 (Technical Department, Vandex International AG, Switzerland)

Emergency telephone number

GIZ Nord Poisons Centre, Germany
Phone: +49 551 19240

2.) Composition / information on ingredients

Chemical characterization

Sealant and adhesive based on MS-hybrid-polymer

Hazardous ingredients

CAS: 1760-24-3 N-(3-(trimethoxysilyl)propyl)ethylenediamine 2.5–10%
EINECS: 217-164-6 Xi; R 36/38-43

Additional information: For the wording of the listed risk phrases refer to section 16.

3.) Hazards identification

Classification: Xi Irritant

Information concerning particular hazards for human and environment:

The product has to be labelled due to the calculation procedure of the "General Classification guideline for preparations of the EU" in the latest valid version.

R 43 May cause sensitisation by skin contact.

Classification system:

The classification is according to the latest editions of the EU-lists, and extended by company and literature data.

4.) First aid measures

After inhalation

Supply fresh air and to be sure call for a doctor.

After skin contact

Immediately wash with plenty of water or water and soap and rinse thoroughly. 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.

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After ingestion

Drink plenty of water. Seek medical advice immediately and show the label or packaging.

5.) Fire-fighting measures

Suitable extinguishing media

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

Special hazards caused by the substance, its products of combustion or resulting gases:

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

Special protective equipment for firefighting

Wear self-contained respiratory protective device.
Wear fully protective suit.

6.) Accidental release measures

Personal precautions

Ensure adequate ventilation.

Environmental precautions

Do not discharge into the drains/surface waters/groundwater.

*Methods for cleaning up/taking up

Pick up mechanically.
Dispose contaminated material as waste according to item 13.

7.) Handling and storage

Handling

Advice on safe handling:

Observe the general safety regulations when handling chemicals.
Ensure good ventilation/exhaustion at the workplace.

Information about fire- and explosion protection:

Apply general precautions to prevent fire hazard.

Storage

Requirements for storage rooms and vessels

Store product only in tightly closed original containers.

Advice on storage assembly

Keep away from foodstuffs.

Further information on storage conditions

Store product in a dry, cool and well-ventilated place.

8.) Exposure controls / personal protection

Additional hints on technical system design.

See chapter 7; no further information.

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 when reviewing MSDS were used as basis.

Personal protective equipment

General protective and hygienic measures:

The usual precautionary measures are to be observed when handling chemicals.

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Take off immediately all contaminated clothing.
Wash hands before breaks and at the end of work.
Do not inhale gases / fumes / aerosols.
Do not eat, drink, smoke or sniff while working.

Respiratory protection

Respiratory protection: Not necessary if room is well-ventilated.

Hand protection

Protective gloves recommended.

Material of 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 through time has to be found out by the manufacturer of the protective gloves and has to be observed.

Eye protection

Safety glasses recommended.

Body protection

Protective clothing recommended.

9.) Physical and chemical properties

General information

Form	pasty
*Colour	grey
Odour	characteristic

Important health, safety and environmental information

Change in condition	
Melting point/melting range:	not determined
Boiling point/boiling range:	not determined
Flash point	not applicable
Self-ignition	Product is not selfigniting
Danger of explosion	Product does not present an explosion hazard
*Density at 20 °C:	approx. 1.4 g/cm ³
Solubility in/Miscibility with water:	Insoluble
Solvent content:	Organic solvents: 0.0%

10.) Stability and reactivity

Thermal decomposition/conditions to avoid	No decomposition if used + stored according to specifications.
Materials to avoid	other chemicals
Dangerous reactions	No dangerous reactions known.
Dangerous decomposition products	No dangerous decomposition products known.

11.) Toxicological information

Acute toxicity:

Primary irritant effect:

on the skin: No irritant effect known.

on the eye: No irritating effect known.

Sensitization: Sensitization possible through skin contact.

Additional toxicological information:

The product shows the following dangers according to the calculation method of the General

