SAFETY DATA SHEET

Classification (REGULATION (EC) No 1272/2008) as amended by GB-CLP Regulation, UK SI 2019/720, and UK SI 2020/1567

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

1.1 Product identifier

Product name: VANDEX BB 75

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

Identified uses: Sealant
Cement, Portland, chemicals

Uses advised against: Not known.

1.3 Details of the supplier of the safety data sheet

Manufacturer/Importer/Supplier/Distributor Information

Vandex Isoliermittel-Gesellschaft
Industriestrasse 21
D-21493 Schwarzenbek
Germany

Telephone: +49 415189150
Fax: +49 4151891550

Contact person: ehs@vandex.com

National Supplier

Tremco CPG UK Limited
Coupland Road
WN2 4HT Hindley Green, WIGAN
UK

Telephone: +44 1942251400
Fax: +44 1942251410

Contact person:www.tremcocpg.eu, uk.info@tremcocpg.com

1.4 Emergency telephone number: 111 / 0300 020 0155

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

The product has been classified according to the legislation in force.

Classification (REGULATION (EC) No 1272/2008) as amended by GB-CLP Regulation, UK SI 2019/720, and UK SI 2020/1567

Health Hazards

Skin irritation	Category 2	H315: Causes skin irritation.
Serious eye damage	Category 1	H318: Causes serious eye damage.
Specific Target Organ Toxicity - Single Exposure	Category 3	H335: May cause respiratory irritation.

2.2 Label elements



Signal Words: Danger

Hazard Statement(s):
H315: Causes skin irritation.
H318: Causes serious eye damage.
H335: May cause respiratory irritation.

Precautionary Statements

General: P102: Keep out of reach of children.

Prevention:
P261: Avoid breathing dust/fume/gas/mist/vapours/spray.
P264: Wash face, hands and any exposed skin thoroughly after handling.
P280: Wear protective gloves/ protective clothing/ eye protection/ face protection.

Response:
P302+P352: IF ON SKIN: Wash with plenty of soap and water.
P362+P364: Take off contaminated clothing and wash it before reuse.
P312: Call a POISON CENTER or doctor/ physician if you feel unwell.
P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P310: Immediately call a POISON CENTER or doctor/ physician.

Storage: P403+P233: Store in a well-ventilated place. Keep container tightly closed.

Disposal: P501: Dispose of contents/ container to an approved facility in accordance with local, regional, national and international regulations.

Hazardous components which must be listed on the label: :

Contains
Portland Cement Cr +VI < 2ppm

2.3 Other hazards

PBT/vPvB data
This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

Endocrine disrupting properties-Toxicity
The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

Endocrine disrupting properties-Ecotoxicity
The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

SECTION 3: Composition/information on ingredients

3.2 Mixtures

Chemical name	Concentration	CAS-No.	EC No.	REACH Registration No.	M-Factor:	Notes
Portland Cement Cr +VI < 2ppm	50 - <100%	65997-15-1		No data available.	No data available.	#
Quartz (SiO2)	20 - <50%	14808-60-7		Exempt;	No data available.	#
Calcium carbonate	1 - <5%	1317-65-3		No data available.	No data available.	#

* All concentrations are percent by weight unless ingredient is a gas. Gas concentrations are in percent by volume.
# This substance has workplace exposure limit(s).
This substance is listed as SVHC.

Classification

Chemical name	Classification	Notes
Portland Cement Cr +VI < 2ppm	Classification: Skin Corr.: 2: H315; Eye Dam.: 1: H318; STOT SE: 3: H335	None.
Quartz (SiO2)	Classification: None known.	None.
Calcium carbonate	Classification: None known.	None.

The full text for all H-statements is displayed in section 16.

SECTION 4: First aid measures

4.1 Description of first aid measures

General information: Get medical attention if symptoms occur. Get medical attention if any discomfort continues.

Inhalation: Move to fresh air. Get medical attention if symptoms persist. If breathing stops, provide artificial respiration.

Skin Contact: Wash skin thoroughly with soap and water for several minutes. Remove contaminated clothing and shoes. Remove contaminated clothing and wash the skin thoroughly with soap and water after work.

Eye contact: Rinse immediately with plenty of water. Immediately flush with plenty of water for up to 15 minutes. Remove any contact lenses and open eyes wide apart. Get medical attention if irritation persists after washing.

Ingestion: Immediately rinse mouth and drink plenty of water. Call an ambulance and take these instructions. Do not induce vomiting without medical advice. Rinse mouth thoroughly.

Personal Protection for First-aid Responders: No data available.

4.2 Most important symptoms and effects, both acute and delayed

Symptoms: May cause skin and eye irritation.

Hazards: May be harmful if inhaled.

4.3 Indication of any immediate medical attention and special treatment needed

Treatment: Get medical attention if symptoms occur.

SECTION 5: Firefighting measures

General Fire Hazards: Wear self-contained breathing apparatus and protective clothing. No unusual fire or explosion hazards noted.

5.1 Extinguishing media

Suitable extinguishing media: Use fire-extinguishing media appropriate for surrounding materials. Water spray, foam, dry powder or carbon dioxide. Material will not burn.

Unsuitable extinguishing media: Do not use water jet as an extinguisher, as this will spread the fire.

5.2 Special hazards arising from the substance or mixture:

None known. During fire, gases hazardous to health may be formed.

5.3 Advice for firefighters

Special fire-fighting procedures:	No data available.
Special protective equipment for fire-fighters:	Self-contained breathing apparatus and full protective clothing must be worn in case of fire.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures:	Use personal protective equipment. See Section 8 of the SDS for Personal Protective Equipment.
6.1.1 For non-emergency personnel:	In the event of a spill or accidental release, notify relevant authorities in accordance with all applicable regulations. Prevent entry into waterways, sewer, basements or confined areas.
6.1.2 For emergency responders:	No data available.
6.2 Environmental precautions:	Avoid release to the environment. Prevent further leakage or spillage if safe to do so. Do not contaminate water sources or sewer. Environmental manager must be informed of all major spillages.
6.3 Methods and material for containment and cleaning up:	Collect spillage in containers, seal securely and deliver for disposal according to local regulations. Pick up with vacuum or absorbent solid, store in closed container for disposal.
6.4 Reference to other sections:	For waste disposal, see section 13.

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Technical Measures:	No data available.
Local/Total ventilation:	No data available.
Safe handling advice:	Provide adequate ventilation. Wear appropriate personal protective equipment. Observe good industrial hygiene practices. When using do not eat, drink or smoke. Ventilate well, avoid breathing vapours. Use approved respirator if air contamination is above accepted level. Use mechanical ventilation in case of handling which causes formation of dust.
Contact avoidance measures:	No data available.

7.2 Conditions for safe storage, including any incompatibilities

Safe storage conditions: Keep container tightly closed. Store in a cool, dry place with adequate ventilation. Keep away from incompatible materials, open flames and high temperatures.

Safe packaging materials: No data available.

7.3 Specific end use(s): No data available.

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

Occupational Exposure Limits

Chemical name	Type	Form of exposure	Exposure Limit Values		Source
Portland Cement Cr +VI < 2ppm	TWA	Inhalable dust		10 mg/m3	EH40 WEL (2007)
	TWA	Respirable dust		4 mg/m3	EH40 WEL (2007)
Quartz (SiO2)	TWA	Respirable		0,1 mg/m3	EH40 WEL (2007)
Calcium carbonate	TWA	Inhalable dust		10 mg/m3	EH40 WEL (2007)
	TWA	Respirable dust		4 mg/m3	EH40 WEL (2007)
	TWA	Respirable		4 mg/m3	EH40 WEL (2007)
	TWA	Inhalable		10 mg/m3	EH40 WEL (2007)

Please refer to the latest edition of the appropriate source text and consult an industrial hygienist or similar professional, or local agencies, for further information.

Biological Limit Values

No biological exposure limits noted for the ingredient(s).

DNEL-Values

Remarks: DNEL-Values

PNEC-Values

Remarks: PNEC-Values

8.2 Exposure controls

Appropriate Engineering Controls: Mechanical ventilation or local exhaust ventilation may be required. Observe good industrial hygiene practices. Observe occupational exposure limits and minimise the risk of inhalation of dust.

Individual protection measures, such as personal protective equipment (PPE)

Eye/face protection: Wear goggles/face shield. Use protective gloves, goggles and suitable protective clothing.

Hand Protection: Additional Information: Use suitable protective gloves if risk

	of skin contact. The most suitable glove must be chosen in consultation with the gloves supplier, who can inform about the breakthrough time of the glove material. Use protective gloves made of: Rubber (natural, latex). Neoprene. Nitrile. Chemical resistant gloves
Skin and Body Protection:	Chemical resistant clothing Long sleeves Wear appropriate clothing to prevent any possibility of skin contact. Chemical resistant gloves required for prolonged or repeated contact. Wear an apron.
Respiratory Protection:	In case of inadequate ventilation use suitable respirator. Use specified dust masks. Avoid breathing dust. Wear suitable respiratory protection.
Hygiene measures:	Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking and/or smoking. Routinely wash work clothing to remove contaminants. Discard contaminated footwear that cannot be cleaned. When using do not eat, drink or smoke.
Environmental Controls:	No data available.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Appearance	
Physical state:	solid
Form:	Powder
Colour:	Grey
Odour:	Odourless
Odour Threshold:	No data available.
Melting Point:	No data available.
Boiling Point:	No data available.
Flammability:	No data available.
Upper/lower limit on flammability or explosive limits	
Explosive limit - upper:	No data available.
Explosive limit - lower:	No data available.
Flash Point:	No data available.
Auto-ignition temperature:	No data available.
Decomposition Temperature:	No data available.
pH:	11 - 13 Aqueous solution
Viscosity	

Dynamic viscosity:	No data available.
Kinematic viscosity:	No data available.
Flow Time:	No data available.
Solubility(ies)	
Solubility in Water:	1,5 g/l
Solubility (other):	No data available.
Dissolution Rate:	No data available.
Partition coefficient (n-octanol/water):	No data available.
Dispersion Stability:	No data available.
Vapour pressure:	No data available.
Relative density:	No data available.
Density:	1,4 g/cm3
Bulk density:	No data available.
Vapour density (air=1):	No data available.

9.2 Other information

Evaporation Rate:	Not applicable.

SECTION 10: Stability and reactivity

10.1	**Reactivity:**	No data available.
10.2	**Chemical stability:**	Material is stable under normal conditions.
10.3	**Possibility of hazardous reactions:**	None under normal conditions.
10.4	**Conditions to avoid:**	Avoid heat or contamination.
10.5	**Incompatible Materials:**	Contact with acids.
10.6	**Hazardous decomposition products:**	Thermal decomposition or combustion may liberate carbon oxides and other toxic gases or vapours.

SECTION 11: Toxicological information

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

Inhalation: In high concentrations, vapours, fumes or mists may irritate nose, throat and mucus membranes. Dust may irritate respiratory system.

Skin Contact: Moderately irritating to skin with prolonged exposure.

Eye contact: Severely irritating to eyes. Eye contact is possible and should be avoided.

Ingestion: Ingestion may cause irritation and malaise.

Symptoms related to the physical, chemical and toxicological characteristics

Inhalation: No data available.

Skin Contact: May cause skin irritation.

Eye contact: No data available.

Ingestion: No data available.

Acute toxicity (list all possible routes of exposure)

Oral

Product: Not classified for acute toxicity based on available data.

Dermal

Product: Not classified for acute toxicity based on available data.

Inhalation

Product: Not classified for acute toxicity based on available data.

Repeated dose toxicity

Product: No data available.

Skin Corrosion/Irritation

Product: No data available.

Serious Eye Damage/Eye Irritation

Product: No data available.

Respiratory or Skin Sensitisation

Product: No data available.

Carcinogenicity

Product: No data available.

Germ Cell Mutagenicity

In vitro

Product: No data available.

In vivo

Product: No data available.

Reproductive toxicity

Product: No data available.

Specific Target Organ Toxicity - Single Exposure

Product: No data available.

Specific Target Organ Toxicity - Repeated Exposure

Product: No data available.

Aspiration Hazard

Product: No data available.

11.2 Information on other hazards

Other information

Product: No data available.

SECTION 12: Ecological information

12.1 Toxicity:

Acute hazards to the aquatic environment:

Fish
Product: No data available.

Aquatic Invertebrates
Product: No data available.
Components:
Quartz (SiO2) LC 50, Daphnia magna, 24 h, 10.000 mg/l

Toxicity to aquatic plants

Product: No data available.

Toxicity to microorganisms
Product: No data available.

Chronic hazards to the aquatic environment:

Fish
Product: No data available.

Aquatic Invertebrates
Product: No data available.

Toxicity to microorganisms
Product: No data available.

12.2 Persistence and degradability

Biodegradation

Product: No data available.

12.3 Bioaccumulative potential

Bioconcentration Factor (BCF)
Product: No data available.

Partition Coefficient n-octanol / water (log Kow)
Product: No data available.

12.4 Mobility in soil:

Product No data available.

12.5 Results of PBT and vPvB assessment:

Product This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

12.6 Other adverse effects:

Other hazards
Product: No data available.

SECTION 13: Disposal considerations

13.1 Waste treatment methods

General information: Dispose of waste and residues in accordance with local authority requirements.

Disposal methods: Dispose of waste at an appropriate treatment and disposal facility in accordance with applicable laws and regulations, and product characteristics at time of disposal.

Contaminated Packaging: No data available.

European Waste Codes
Used product: 15 01 05 17 01 01: composite packaging concrete

SECTION 14: Transport information

ADR

14.1 UN number or ID number:	Not Regulated.
14.2 UN proper shipping name:	Not Regulated.
14.3 Transport hazard class(es)	
Class:	Not Regulated.
Label(s):	Not Regulated.
Hazard No. (ADR):	Not Regulated.
Tunnel restriction code:	Not Regulated.
14.4 Packing group:	Not Regulated.
Limited quantity	Not Regulated.
Excepted quantity	Not Regulated.
14.5 Environmental hazards	Not Regulated.
14.6 Special precautions for user:	Not Regulated.

IMDG

14.1 UN number or ID number:	Not Regulated.
14.2 UN proper shipping name:	Not Regulated.
14.3 Transport hazard class(es)	
Class:	Not Regulated.
Label(s):	Not Regulated.
EmS No.:	Not Regulated.
14.4 Packing group:	Not Regulated.
Limited quantity	Not Regulated.
Excepted quantity	Not Regulated.
14.5 Marine pollutant	Not Regulated.
14.6 Special precautions for user:	Not Regulated.

IATA

14.1 UN number or ID number:	Not Regulated.
14.2 UN proper shipping name:	Not Regulated.
14.3 Transport hazard class(es)	
Class:	Not Regulated.

Label(s):	Not Regulated.
14.4 Packing group:	Not Regulated.
Passenger and cargo aircraft :	Not Regulated.
Limited quantity	Not Regulated.
Excepted quantity	Not Regulated.
14.5 Environmental hazards	Not Regulated.
14.6 Special precautions for user:	Not Regulated.

14.7 Maritime transport in bulk according to IMO instruments

Not applicable for product as supplied.

SECTION 15: Regulatory information

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

Regulation 1005/2009/EC on substances that deplete the ozone layer, Annex I, Controlled Substances: None present or none present in regulated quantities.

Regulation 1005/2009/EC on substances that deplete the ozone layer, Annex II, New Substances: None present or none present in regulated quantities.

UK EXP1: UK. GB PIC List, Regulation (EU) 649/2012 as amended by EU Exit Regulations S.I. 2019/720 and S.I. 2020/1567, as amended: None present or none present in regulated quantities.

UK EXP2: UK. GB PIC List, Regulation (EU) 649/2012 as amended by EU Exit Regulations S.I. 2019/720 and S.I. 2020/1567, as amended: None present or none present in regulated quantities.

UK EXP3: UK. GB PIC List, Regulation (EU) 649/2012 as amended by EU Exit Regulations S.I. 2019/720 and S.I. 2020/1567, as amended: None present or none present in regulated quantities.

UK BAN: UK. GB PIC List, Regulation (EU) 649/2012 as amended by EU Exit Regulations S.I. 2019/720 and S.I. 2020/1567, as amended: None present or none present in regulated quantities.

UK REACH List of restrictions (Annex 17): None present or none present in regulated quantities.

Control of Major Accident Hazards Regulations 2015 (COMAH):

15.2 Chemical safety assessment: No Chemical Safety Assessment has been carried out.

SECTION 16: Other information

Date of first report version: 16.04.2025

Revision Date: 16.04.2025

Version #: 2.0

Abbreviations and acronyms:

EH40 WEL:	UK. EH40 Workplace Exposure Limits (WELs)
EH40 WEL / TWA:	Time Weighted Average (TWA)

ADN - European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways; ADR - Agreement concerning the International Carriage of Dangerous Goods by Road; AIIC - Australian Inventory of Industrial Chemicals; ASTM - American Society for the Testing of Materials; bw - Body weight; CLP - Classification Labelling Packaging Regulation; Regulation (EC) No 1272/2008; CMR - Carcinogen, Mutagen or Reproductive Toxicant; DIN - Standard of the German Institute for Standardisation; DSL - Domestic Substances List (Canada); ECHA - European Chemicals Agency; EC-Number - European Community number; ECx - Concentration associated with x% response; EIGA - European Industrial Gases Association; ELx - Loading rate associated with x% response; EmS - Emergency Schedule; ENCS - Existing and New Chemical Substances (Japan); ErCx - Concentration associated with x% growth rate response; GHS - Globally Harmonized System; GLP - Good Laboratory Practice; IARC - International Agency for Research on Cancer; IATA - International Air Transport Association; IBC - International Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk; IC50 - Half maximal inhibitory concentration; ICAO - International Civil Aviation Organization; IECSC - Inventory of Existing Chemical Substances in China; IMDG - International Maritime Dangerous Goods; IMO - International Maritime Organization; ISHL - Industrial Safety and Health Law (Japan); ISO - International Organisation for Standardization; KECI - Korea Existing Chemicals Inventory; LC50 - Lethal Concentration to 50 % of a test population; LD50 - Lethal Dose to 50% of a test population (Median Lethal Dose); MARPOL - International Convention for the Prevention of Pollution from Ships; n.o.s. - Not Otherwise Specified; NO(A)EC - No Observed (Adverse) Effect Concentration; NO(A)EL - No Observed (Adverse) Effect Level; NOELR - No Observable Effect Loading Rate; NZIoC - New Zealand Inventory of Chemicals; OECD - Organization for Economic Co-operation and Development; OPPTS - Office of Chemical Safety and Pollution Prevention; PBT - Persistent, Bioaccumulative and Toxic substance; PICCS - Philippines Inventory of Chemicals and Chemical Substances; (Q)SAR - (Quantitative) Structure Activity Relationship; REACH - Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals; RID - Regulations concerning the International Carriage of Dangerous Goods by Rail; SADT - Self-Accelerating Decomposition Temperature; SDS - Safety Data Sheet; SVHC - Substance of Very High Concern; TCSI - Taiwan Chemical Substance Inventory; TECI - Thailand Existing Chemicals Inventory; TRGS - Technical Rule for Hazardous Substances; TSCA - Toxic Substances Control Act (United States); UN - United Nations; vPvB - Very Persistent and Very Bioaccumulative

Key literature references and sources for data: No data available.

Classification (REGULATION (EC) No 1272/2008) as amended by GB-CLP Regulation, UK SI 2019/720, and UK SI 2020/1567

Classification	Classification procedure
Skin irritation, Category 2	Calculation method
Serious eye damage, Category 1	On basis of test data
Specific Target Organ Toxicity - Single Exposure, Category 3	Calculation method

Wording of the statements in sections 3

H315	Causes skin irritation.
H318	Causes serious eye damage.
H335	May cause respiratory irritation.

Training information: No data available.

Disclaimer: This information is provided without warranty. The information is believed to be correct. This information should be used to make an independent determination of the methods to safeguard workers and the environment.