

Manufacturer/Supplier: Vandex Isoliermittel-Gesellschaft mbH, D-21493 Schwarzenbek
Product number: 05
Trade name: VANDEX BB 75
Printing date: 01.03.2000

Reviewed on: 01.03.2000

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01. Identification of substance, preparation and company

Trade name

VANDEX BB 75

Manufacturer/Supplier

Vandex Isoliermittel-Gesellschaft m.b.H.

Street/P.O. Box

Industriestrasse 19 - 23

Country Code/Postal Code/Town/City

D-21493 Schwarzenbek

Telephone/Telefax

Phone: +49 4151 89 15-0

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Emergency Information

Phone: +49 4151 89 15 31 (Laboratory, Vandex Isoliermittel GmbH, Germany)

Phone: +41 33 227 44 44 (Mrs. Ch. Pridal, Vandex International Ltd, Switzerland)

from 1.7.2000: +41 32 626 36 36

02. Composition/Information on components

Chemical characterization

Cement preparation

Hazardous components

Cement

Concentration: 50 - 55

Symbol: Xi

CAS number: 65997-15-1

R: 36/38-43

03. Hazards identification

Hazard designation

Xi irritant

Particular information pertaining specific risk for human an environment

R 36/38 Irritating to eyes and skin.

R 43 May cause sensitization by skin contact.

04. First aid measures

Inhalation

Take casualties away from dust polluted areas. In case of irritation of the air passages seek medical advice.

Skin contact

After contact with skin wash immediately with plenty of water. If irritation persists seek medical advice.

Eye contact

In case of contact with the eyes rinse immediately with plenty of water (eye lid wide open) for at least 10 minutes and seek medical advice.

Ingestion

Drink plenty of water. Seek medical advice.

05. Fire-fighting measures

Product is not combustible. In contact with extinguishing water an alkaline solution - which can cause irritation - is produced.

Extinguishing media - suitable

Not applicable.

Special risk posed by the substance or by the actual preparation, its combustion products or gases discharged

Not applicable.

Protective equipment

Not applicable.

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06. Accidental release measures

Personal precautions

Avoid contact with skin and eyes.

Environmental precautions

Avoid uncontrolled contact with water. Avoid uncontrolled discharge into environment after contact with water. Do not allow to enter into ground water or drains after contact with water.

Methods for cleaning up/collecting

Clean up dry. Avoid dust formation.

07. Handling and storage

Information for safe handling

Store protected from humidity.

Keep out of the reach of children.

Avoid contact with skin and eyes.

Avoid dust formation and dust deposit.

Information about protection against explosions and fires

Not applicable.

Requirements to be met by storerooms and containers

Store protected from humidity in original packaging.

Information about separation of incompatible products

Not applicable.

08. Exposure controls and personal protection

Additional information about engineering measures

Provide adequate ventilation. Where reasonably practicable this should be achieved by the use of local exhaust ventilation and good general extraction. If this is not sufficient to maintain concentrations of particulates below the OEL, suitable respiratory protection must be worn. Avoid dust formation.

Components with critical values that require monitoring at the workplace (exposure limits)

GENERAL THRESHOLD LIMIT VALUE (Great Britain)

Specification:	Total inhalable dust	Respirable dust
Value:	10 mg/m ³	4 mg/m ³
Valid as per (mm/yy)	1999	1999

Personal protective equipment

General protective and hygiene measures

Do not eat or drink during work – no smoking. Wash hands before breaks and after work. Apply a fatty skin protection cream before work and after each break. Use skin protection products after work.

Respiratory equipment

In case of dust formation wear suitable dust mask with P2 particle filter.

Skin protection

Use suitable protective gloves.

Eye protection

Use tightly fitting safety glasses.

09. Physical and chemical properties

Image

Form: powder

Colour: grey

Odour: odourless

Relevant safety data

Change in condition

Boiling point: not applicable

Flashpoint: not applicable

Ignition temperature: not applicable

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Explosive limits:
Lower/Upper: not applicable
Vapor pressure: not applicable
Bulk density: approx. 1.40 kg/l
Solubility in water: (20°C) up to 1.5 g/l
pH-value: 11 – 13.5

10. Stability and reactivity

Conditions to avoid

Avoid contact with humidity.

Materials to avoid

Not applicable.

Dangerous decomposition products

Not applicable.

11. Toxicological information

Acute toxicity

There is not data available on the preparation itself.

12. Ecological information

Eco-toxicological effect: Only possible in case of unintended release of big quantities in contact with water due to increased pH value.

13. Disposal considerations

Product/Preparation

Recommendation

Clean up dry, not contaminated material can be re-used. Hardens after contact with water, hardened material can be disposed of as *construction and demolition waste* - concrete (EWC-Code 170101). The listed waste number according to the European Waste Code (EWC) is a recommendation. The final classification has to be done together with the local waste disposal company / authority.

Contaminated packaging

Recommendation

Contaminated packaging must be emptied of all residues and following appropriate cleaning can be recycled. Uncleaned packaging must be disposed of in accordance with official local regulations (EWC-Code 150105 composite packaging (Paper/PE-foil)).

14. Transport information

Not a dangerous good according to the transport regulations.

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15. Regulatory information

Classification according to EEC directives

Danger symbol and danger designation

Xi irritant

Hazard-determining components of labelling

Cement

Risk-phrases

R 36/38 Irritating to eyes and skin.

R 43 May cause sensitization by skin contact.

Safety-phrases

S 2 Keep out of the reach of children.

S 24/25 Avoid contact with skin and eyes.

S 26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

S 37 Wear suitable gloves.

National Regulations

16. Other information

Department issuing data specification sheet:

Technical Department

Contact

Mr. Schenk (Vandex Isoliermittel GmbH, Germany), phone 04151/89 15-0

Ms. Pridal (Vandex International AG, Switzerland), phone 033 227 44 44; from 1.7.2000: 032 626 36 36

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Manufacturer/Supplier: Vandex Isoliermittel-Gesellschaft mbH, D-21493 Schwarzenbek
Product number: 06
Trade name: VANDEX ELASTICIZER PK 75
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01. Identification of substance, preparation and company

Trade name

VANDEX ELASTICIZER PK 75

Manufacturer/Supplier

Vandex Isoliermittel-Gesellschaft m.b.H.

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02. Composition/Information on components

Chemical characterization

Polymer dispersion

Hazardous components

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03. Hazards identification

Hazard designation

None

Particular information pertaining specific risk for human an environment

None known.

04. First aid measures

General

Immediately remove all contaminated clothing.

Inhalation

Provide fresh air.

Skin contact

Flush away with soap and water and rinse.

Eye contact

Flush with plenty of water (10 – 15 min)

Ingestion

Drink plenty of water. Do not induce vomiting. Call a physician.

05. Fire-fighting measures

Extinguishing media - suitable

Product is not combustible.

Adapt extinguishing media to suit the environment.

Special risk posed by the substance or by the actual preparation, its combustion products or gases discharged

None, if handled and stored according to order.

Protective equipment

Not necessary

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06. Accidental release measures

Personal precautions

Normal precautions when handling chemicals should be observed.
Refer to protective measures listed in sections 7 and 8.

Environmental precautions

Take up with a liquid absorbing material and proceed according to the waste disposal regulations.
If the product contaminates lakes, rivers or sewage, inform appropriate authorities in accordance with local regulations.

Methods for cleaning up/collecting

Contain and collect spillage with non-combustible absorbent materials, e.g. sand, earth, vermiculite, diatomaceous earth and place in container for disposal according to local regulations (see section 13).

07. Handling and storage

Information for safe handling

Avoid contact with skin and eyes.
Normal precautions taken when handling chemicals should be observed.

Information about protection against explosions and fires

No particular measures required.

Requirements to be met by storerooms and containers

Make sure that ventilation is adequate.
Opened containers must be carefully resealed and kept upright to prevent leakage.

Information about separation of incompatible products

None known.

Further information about storage conditions

Store in a frost free place.

08. Exposure controls and personal protection

Additional information about engineering measures

Provide adequate ventilation. Where reasonably practicable this should be achieved by the use of local exhaust ventilation and good general extraction

Personal protective equipment

General protective and hygiene measures

Avoid contact with the skin and mouth.
Immediately remove all contaminated clothing.
Wash hands before breaks and after work.
Do not eat or drink during work – no smoking.

Respiratory equipment

Take breathing protection measures if possible.

Skin protection

Wear suitable protective gloves.

Eye protection

Use tightly fitting safety glasses.

Body protection

Wear chemically resistant protective clothing.

09. Physical and chemical properties

Image

Form: liquid
Colour: milky
Odour: odourless

Relevant safety data

Change in condition

Melting point:	approx.	0 °C	Water
Boiling point:	approx.	100 °C	Water
Flashpoint:	inapplicable		
Ignition temperature:	inapplicable		

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Explosive limits:
Lower/Upper: inapplicable
Vapour pressure: (50°C) 123 hPa Water
Density: (20°C) approx. 1,08 kg/l
Solubility in water: miscible
pH-value: 6 – 7
Viscosity:
Flow time: inapplicable
Solvent-separation test inapplicable

10. Stability and reactivity

Conditions to avoid

None, if handle according to order.

Materials to avoid

None known.

Dangerous decomposition products

None known.

11. Toxicological information

Acute toxicity

There is not data available on the preparation itself.

The product was classified in toxicological terms on the basis of the results of the calculation procedure outlined within General Directive on Preparations (88/37/EEC).

12. Ecological information

The product is slightly water pollutant. Large quantities may be toxic to fish. Do not empty into water or drains.

13. Disposal considerations

Product

Recommendation

Dispose of according to local regulations. The waste code number according to the European Waste Catalogue (EWC) must be defined in accordance with local waste disposal companies / authorities.

Contaminated packaging

Recommendation

Contaminated packaging must be emptied of all residues and, following appropriate cleaning, may be sent to a recycling plant. Uncleaned packaging must be disposed of in the same manner as the product.

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14. Transport information

Land transport ADR/RID and GGVS/GGVE

Classification

GGVS/GGVE:	Class ---	Number --	Letter --
RID/ADR:	Class ---	Number --	Letter --

Maritime transport IMDG/GGVSea

Classification

IMDG- Code:	--	MARPOL: --
UN-number:	-	

Air transport ICAO – TI and IATA - DGR

Classification

ICAO / IATA Class	---
UN-number:	-

15. Regulatory information

Classification according to EEC directives

Danger symbol and danger designation

No danger symbols

Risk-phrases

None

Safety-phrases

None

National Regulations

16. Other information

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