

Material Safety Data Sheet



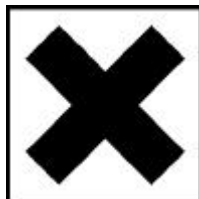
Cylinder Block Seal

Number : W722A090722

Revision : 0.01

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Replace : / /



Xi - Irritant

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND THE COMPANY/UNDERTAKING

Type of product and use: Repairs cracks in cylinder blocks without dismantling.
Company identification: WYNN'S BELGIUM N.V.
Industriepark West 46
B-9100 Sint-Niklaas
tel: INT-32-3-766.60.20
fax: INT-32-3-778.16.56
Emergency phone Nr.: BIG 32.(0)14/58.45.45

2. COMPOSITION/INFORMATION ON INGREDIENTS

Composition: Mixture of silicate
Hazardous component(s): Silicic acid, sodium salt (CAS 1344-09-8 / EINECS 215-687-4)
wt%: <30 Symb: Xi R: 36/38
ethanolamine (CAS 141-43-5 / EINECS 205-483-3)
wt%: <=01 Symb: Xn R: 20,36/37/38

3. HAZARDS IDENTIFICATION

Important hazards-fire: No specific symptoms known.
Important hazards-toxicity: Irritating to eyes and skin.
Important hazards-chemical reactions: No data available.
Environmental hazards: To the best of our knowledge and normal usage, no effect on the environment.

4. FIRST AID MEASURES

Inhalation: In case of loss of consciousness, give artificial respiration.
Remove victim to fresh air and allow to rest.
Skin contact: Remove contaminated clothing.
Wash immediately with plenty of water.
If inflammation or irritation persists, seek medical advice.
Eye contact: Do not delay. Flush eye with plenty of water.
If irritation persists, seek medical advice.
Ingestion: If swallowed, DO NOT induce vomiting. Keep at rest. Get prompt medical attention.
If conscious, give 3 or 4 capsules of active carbon (i.e. NORIT®) together with some water.

5. FIRE-FIGHTING MEASURES

Non combustible.
Extinguishing media:

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- Suitable: Use extinguishing media appropriate for the surrounding materials.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions: Personal Protective Equipment must be worn, see section 8 (Personal Protection).
Goggles or face shield with safety glasses.
Appropriate protective clothing.
Protective gloves (Plastic, impervious).
Avoid contact with skin, eyes.
Spills of the product may cause slippery floors.

Methods for cleaning up: Clean with water.
Dilute contained spill with water.
Recover by pumping or hand pump or with a suitable absorbent.
Hose over spill area to effect dilution of water soluble material.
Absorb small spills on dry chemical absorbent.

7. HANDLING AND STORAGE

Handling: Handle in accordance with good industrial hygiene and safety procedures.
Arrange for eye wash possibility.
Avoid contact with skin and eyes.
Do not breathe gas, fumes, vapour or spray.

Storage: Avoid contact with strong acids and oxidizers.
Keep away from frost.

Packaging: Keep preferably in the original packaging; if not, copy all indications of the labelling on the new packaging.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Recommended engineering controls: Ensure good ventilation in case of possible formation of vapour, mist or aerosol.
Arrange for eye wash possibility.

Personal protection:

- Respiratory protection: In case of insufficient ventilation, use face mask with breathing filter, type: ABEK
- Skin and hand protection: Handle in accordance with good industrial hygiene and safety procedures.
Appropriate protective clothing and gloves
- Eye protection: Safety goggles/visor.

9. PHYSICAL AND CHEMICAL PROPERTIES

These are indicative values only. Please refer also to the product specification sheet.

Appearance: Liquid.
Brown.

Odour: Barely perceptible.

pH : 11.78

Boiling point: Not yet determined.

Flash point: Not applicable.

Explosion limits: Not applicable.

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Vapour pressure at 20°C:	Not yet determined.
Solubility in water:	Completely soluble
Oxidising properties:	Not yet determined.
Partition coefficient (P o/w):	Not yet determined.
Density at 15°C:	1283 kg/m ³

10. STABILITY AND REACTIVITY

Stability:	Stable in normal conditions of use.
Conditions to avoid:	Temperatures below 0 °C
Materials to avoid:	May in contact with certain metals, such as zinc, magnesium, release hydrogen gas which may form explosive mixtures in air.
Hazardous decomposition products:	Not established.

11. TOXICOLOGICAL INFORMATION

Oral LD50 (rat):	No information available.
Dermal LD50 (Rabbit):	No information available.
Inhalation LC50 (Rat/4h):	No information available.
Skin contact:	Irritating.
Eye contact:	Irritating.
Inhalation:	May cause irritation of respiratory tract.
Ingestion:	irritant effects
Skin sensitization test:	No effects of sensitization known.

12. ECOLOGICAL INFORMATION

Mobility:	This substance is water soluble and is expected to remain primarily in water.
Degradability:	This substance is expected to biodegrade rapidly.
Ecotoxicity and bioaccumulation:	Low acute toxicity to aquatic organisms is expected. This product has no potential to bioconcentrate.
WGK class (Germany):	1

13. DISPOSAL CONSIDERATIONS

Disposal of product:	Dispose of in a safe manner, in accordance with local regulations. Prevent from entering sewers or the immediate environment.
Disposal of packaging:	Dispose of in a safe manner, in accordance with local regulations.

14. TRANSPORT INFORMATION

Not classified under this legislation.

15. REGULATORY INFORMATION

EEC labelling information:	Classification and labelling according to the directives 67/548/EEG and 1999/45/EG.
- Symbol(s):	Irritant: Xi.
- R Phrase(s):	R 36/38: Irritating to eyes and skin.
- S Phrase(s):	S (2): Keep out of reach of children. S 26: In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

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S 37/39: Wear suitable gloves and eye/face protection.

16. OTHER INFORMATION

Sources of key data used: Raw material suppliers' data sheets were used as key data sources in the preparation of this safety data sheet.

Nature of revision: Adaption to new regulation: § 2,9,15,16

Text of R phrases mentioned in Section 2 R 20: Harmful by inhalation.

R 36/38: Irritating to eyes and skin.

R 36/37/38: Irritating to eyes, respiratory system and skin.

This safety data sheet has been made in accordance with the directives 91/155/EEG, 93/112/EEG and 2001/58/EG.

It completes the technical directions for use, but does not replace it.

The data mentioned on these documents are to our knowledge correct on the date of publication and are provided on the assumption that the product will be used as indicated by the manufacturer/supplier. The indication of these safety data, without being considered as complete, helps the user to fulfil his obligations with regard to dangerous substances. The user is obliged to evaluate the product and use it in a safe way in compliance with the effective laws and stipulations. The user has to make sure that all regulations as to human and environmental protection during handling, storage and use of the products are observed.